

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110023.D
 Acq On : 20 Oct 2018 1:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 10/22/2018 2:55:51 PM

Quant Time: Oct 20 01:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 00:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189770	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	751091	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	322970	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	518068	20.00	ng	0.00
76) Chrysene-d12	14.15	240	372728	20.00	ng	0.00
87) Perylene-d12	15.67	264	316014	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	942055	78.69	ng	0.00
7) Phenol-d6	6.59	99	1161132	78.11	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018459	91.34	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	221299	79.14	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1720498	85.00	ng	0.00
79) Terphenyl-d14	13.09	244	1363074	76.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	249468	36.688	ng	91
3) Pyridine	3.60	79	580664	38.304	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	233811	37.809	ng	99
6) Aniline	6.64	93	753932	37.633	ng	# 52
8) 2-Chlorophenol	6.76	128	529250	39.466	ng	99
9) Benzaldehyde	6.53	77	366193	37.906	ng	94
10) Phenol	6.61	94	634684	39.544	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	507690	37.831	ng	91
12) 1,3-Dichlorobenzene	6.91	146	576937	39.235	ng	99
13) 1,4-Dichlorobenzene	6.99	146	581168	39.243	ng	97
14) 1,2-Dichlorobenzene	7.15	146	539088	39.531	ng	99
15) Benzyl Alcohol	7.11	79	447430	39.122	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	813694	36.941	ng	68
17) 2-Methylphenol	7.22	107	419568	38.800	ng	# 80
18) Hexachloroethane	7.49	117	200342	38.281	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	352207	36.900	ng	95
20) 3+4-Methylphenols	7.37	107	520624	37.940	ng	94
22) Acetophenone	7.38	105	679783	39.027	ng	98
24) Nitrobenzene	7.56	77	527687	43.566	ng	93
25) Isophorone	7.79	82	839191	38.305	ng	95
26) 2-Nitrophenol	7.87	139	235382	46.869	ng	94
27) 2,4-Dimethylphenol	7.90	122	411096	38.957	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	574409	38.204	ng	99
29) 2,4-Dichlorophenol	8.11	162	409710	40.023	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	463348	40.425	ng	96
31) Naphthalene	8.28	128	1347146	39.113	ng	99
32) Benzoic acid	8.00	122	198346	30.167	ng	92
33) 4-Chloroaniline	8.32	127	593868	38.357	ng	100
34) Hexachlorobutadiene	8.39	225	257384	40.722	ng	99
35) Caprolactam	8.70	113	138357	38.056	ng	# 87
36) 4-Chloro-3-methylphenol	8.80	107	419898	38.882	ng	94
37) 2-Methylnaphthalene	8.97	142	864811	38.776	ng	98
38) 1-Methylnaphthalene	9.07	142	828897	38.355	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	422948	42.517	ng	99

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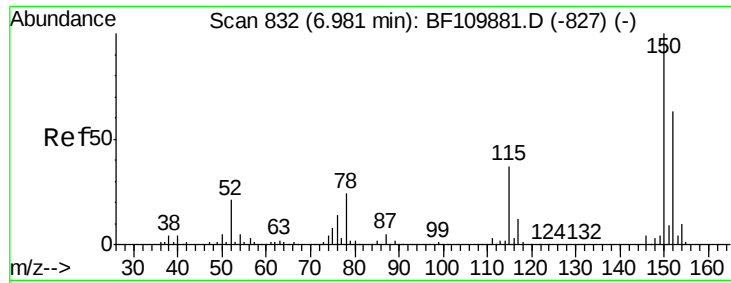
Manual Integrations
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 10/22/2018 2:55:51 PM

Quant Time: Oct 20 01:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 00:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	83989	17.493	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	269977	43.403	ng	95
44) 2,4,5-Trichlorophenol	9.28	196	265933	41.192	ng	93
46) 1,1'-Biphenyl	9.43	154	1199031	41.669	ng	99
47) 2-Chloronaphthalene	9.46	162	868305	40.966	ng	99
48) 2-Nitroaniline	9.56	65	271071	49.834	ng	89
49) Acenaphthylene	9.88	152	1226205	39.822	ng	98
50) Dimethylphthalate	9.73	163	959821	41.970	ng	99
51) 2,6-Dinitrotoluene	9.79	165	207438	47.757	ng	98
52) Acenaphthene	10.05	154	767857	39.169	ng	98
53) 3-Nitroaniline	9.97	138	248939	47.114	ng	87
54) 2,4-Dinitrophenol	10.06	184	9182	14.806	ng	# 1
55) Dibenzofuran	10.22	168	1113303	39.821	ng	98
56) 4-Nitrophenol	10.11	139	150572	37.347	ng	95
57) 2,4-Dinitrotoluene	10.20	165	252018	46.128	ng	# 87
58) Fluorene	10.56	166	791722	38.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	193688	37.856	ng	94
60) Diethylphthalate	10.43	149	932436	41.281	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	434755	41.009	ng	99
62) 4-Nitroaniline	10.58	138	220316	44.049	ng	94
63) Azobenzene	10.72	77	879337	37.265	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	22720	18.016	ng	93
66) n-Nitrosodiphenylamine	10.67	169	775273	44.931	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	249891	44.508	ng	95
68) Hexachlorobenzene	11.11	284	248151	41.447	ng	# 90
69) Atrazine	11.19	200	233580	43.337	ng	98
70) Pentachlorophenol	11.30	266	124694	36.596	ng	96
71) Phenanthrene	11.53	178	1065794	39.738	ng	99
72) Anthracene	11.58	178	1073142	39.798	ng	99
73) Carbazole	11.73	167	998981	37.697	ng	98
74) Di-n-butylphthalate	12.06	149	1295169	43.793	ng	99
75) Fluoranthene	12.72	202	970386	36.217	ng	100
77) Benzidine	12.84	184	520069	36.392	ng	99
78) Pyrene	12.95	202	982557	35.892	ng	99
80) Butylbenzylphthalate	13.56	149	463990	41.923	ng	99
81) Benzo(a)anthracene	14.14	228	863084	39.312	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	327891	42.601	ng	99
83) Chrysene	14.18	228	828761	39.658	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	645450	44.320	ng	96
85) Di-n-octyl phthalate	14.73	149	1063682	51.806	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	611328	36.333	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	742638	40.762	ng	100
89) Benzo(k)fluoranthene	15.25	252	723117m	40.268	ng	
90) Benzo(a)pyrene	15.61	252	657658	39.248	ng	97
91) Dibenzo(a,h)anthracene	17.25	278	517095	34.822	ng	98
92) Benzo(g,h,i)perylene	17.70	276	485831	32.381	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

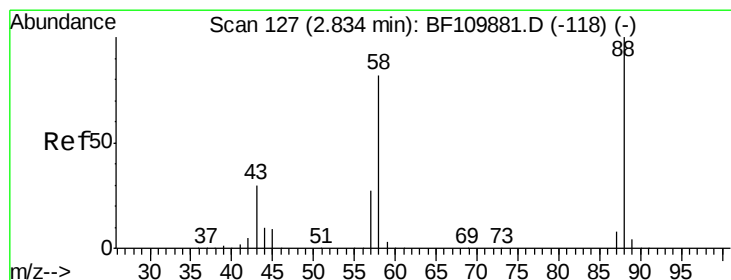
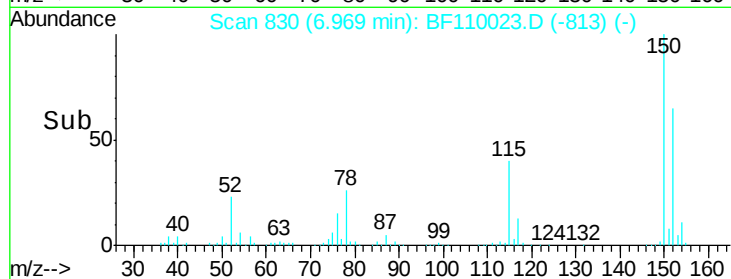
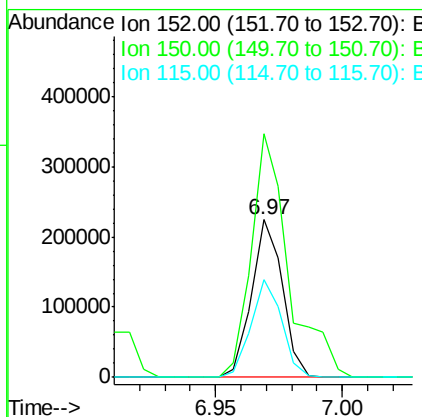
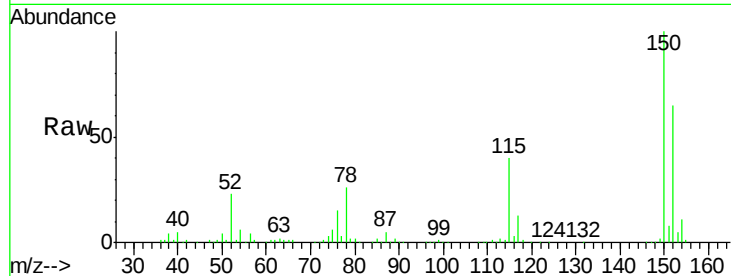
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.7	184.1
115	62.0	49.1	73.7

Manual Integrations
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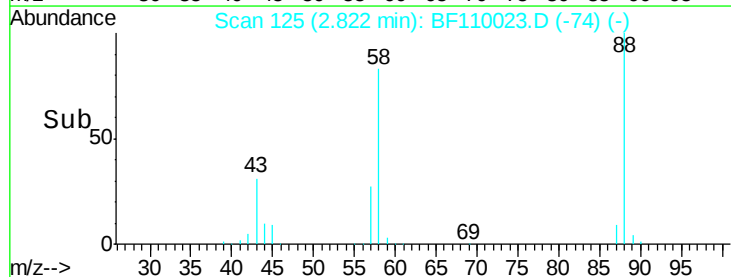
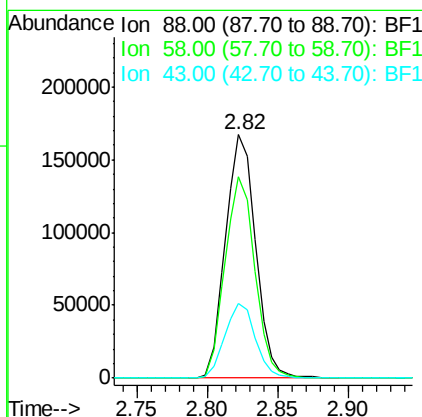
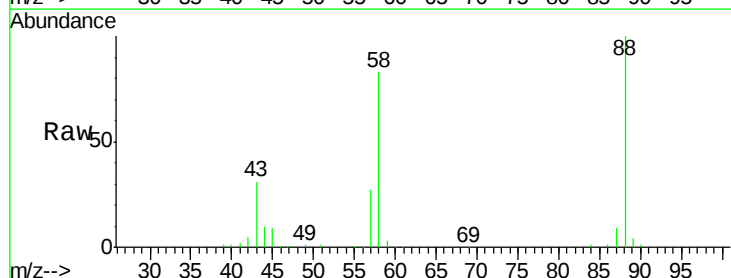
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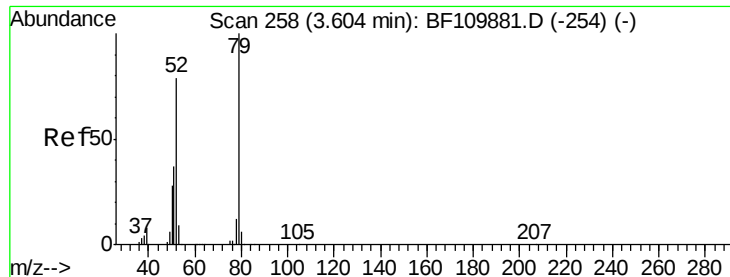


#2

1,4-Dioxane
Concen: 36.688 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	57.1	85.7
43	31.1	24.1	36.1





#3

Pyridine

Concen: 38.304 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 580664

Ion Ratio Lower Upper

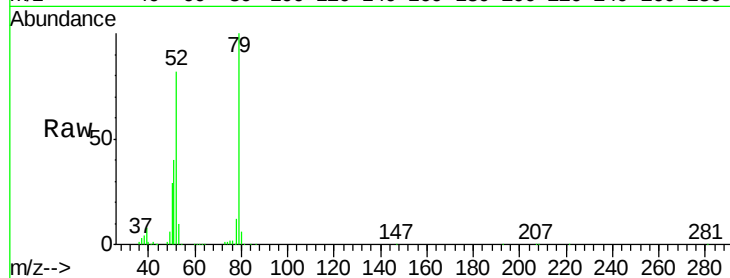
79 100

52 82.0 53.1 79.7#

51 40.0 27.4 41.2

Manual Integrations
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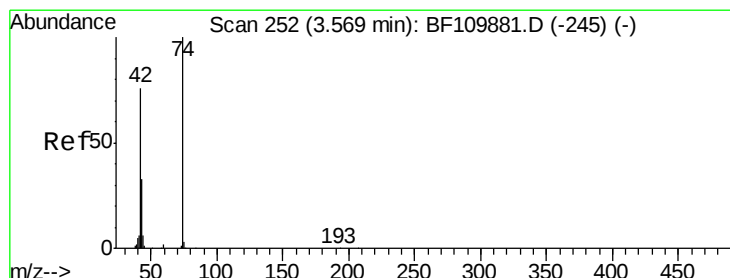
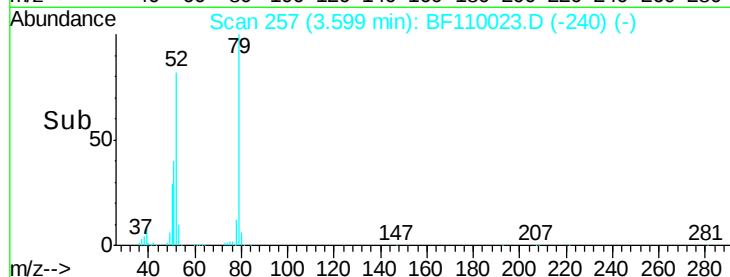
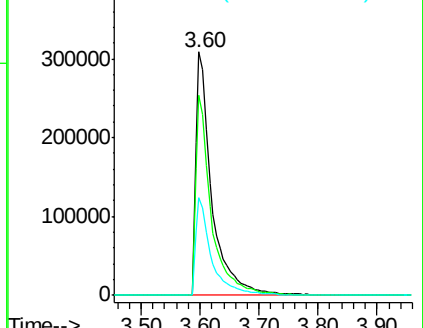
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.809 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

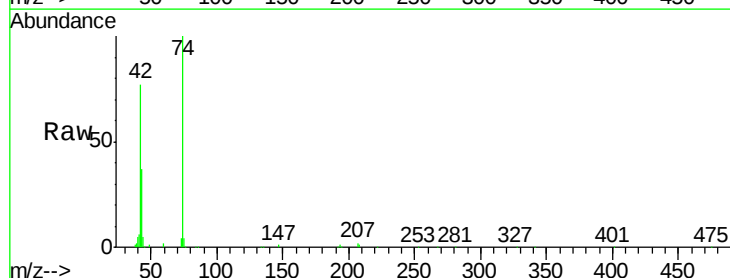
Tgt Ion: 42 Resp: 233811

Ion Ratio Lower Upper

42 100

74 130.5 105.5 158.3

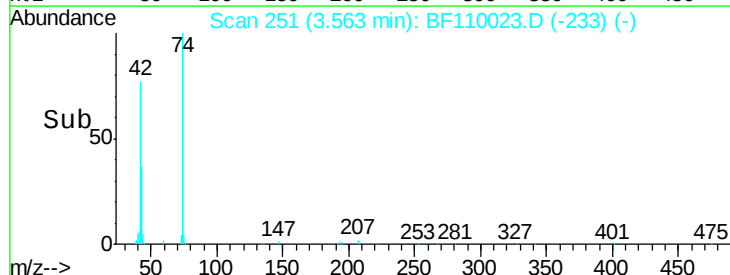
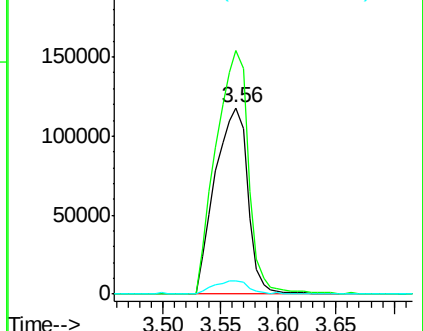
44 7.0 4.9 7.3

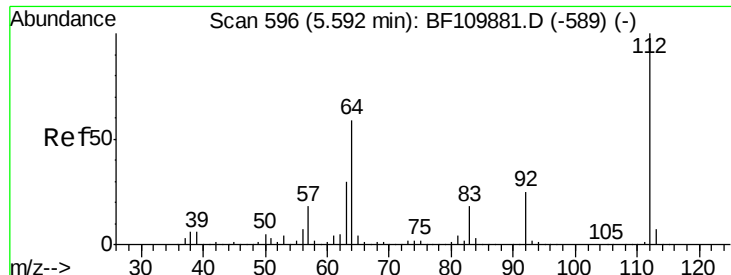


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.689 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

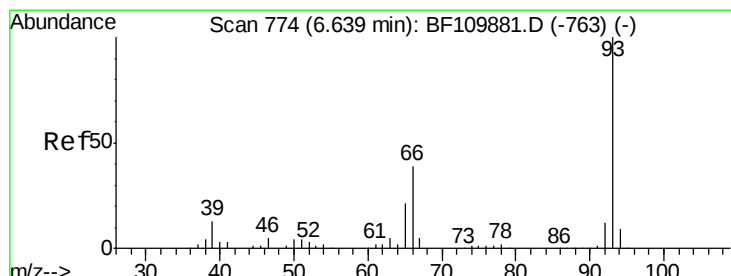
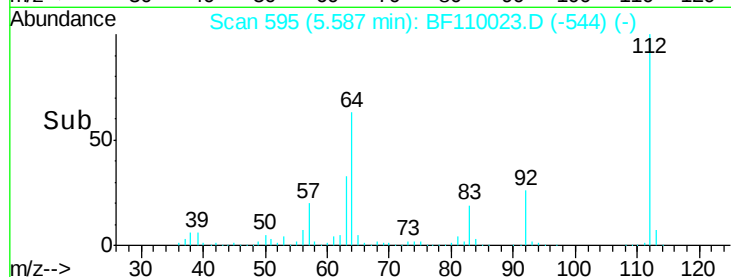
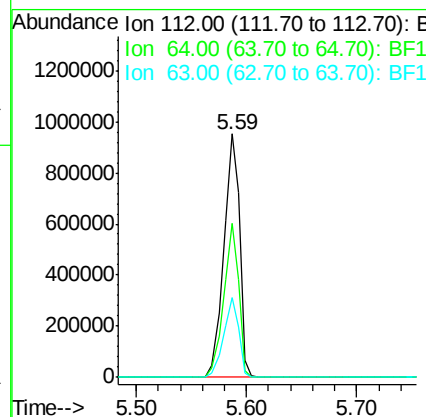
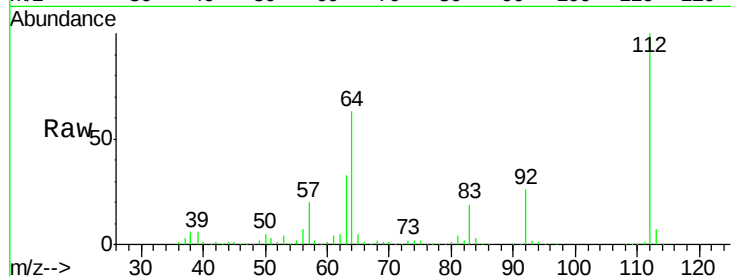
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	942055
Ion Ratio	Lower	Upper	
112	100		
64	63.0	44.1	66.1
63	32.5	23.7	35.5

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#6

Aniline

Concen: 37.633 ng

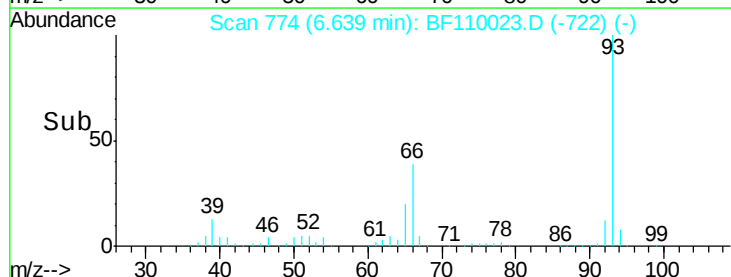
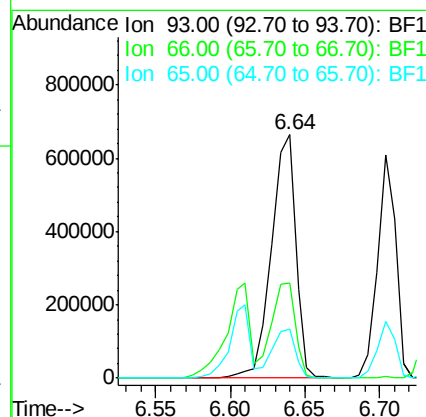
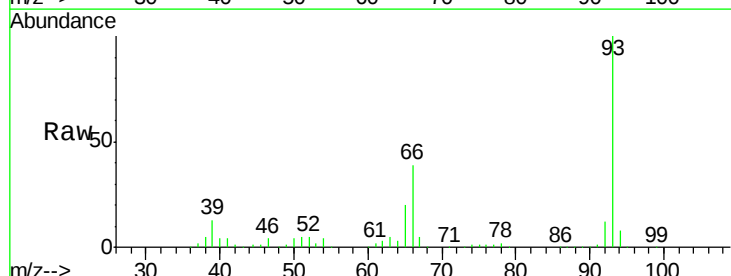
RT: 6.64 min Scan# 774

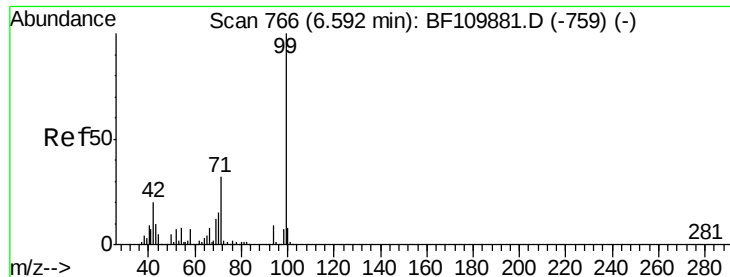
Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	93	Resp:	753932
Ion Ratio	Lower	Upper	
93	100		
66	39.1	67.4	101.0#
65	20.1	41.0	61.4#





#7

Phenol-d6

Concen: 78.107 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1161132

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

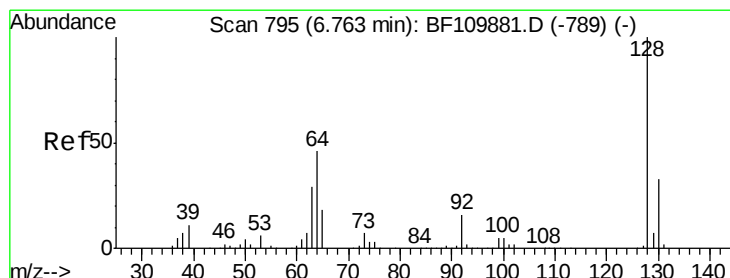
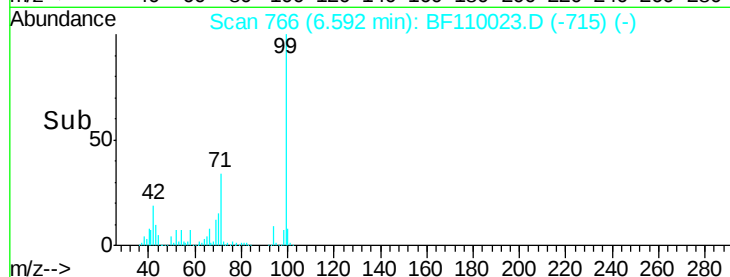
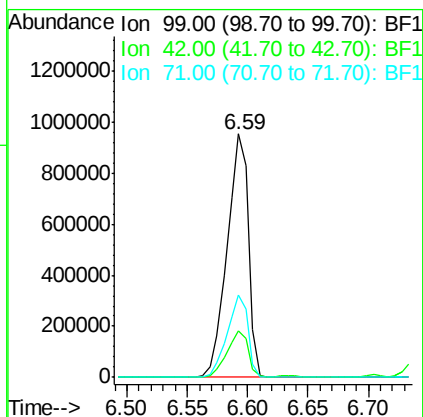
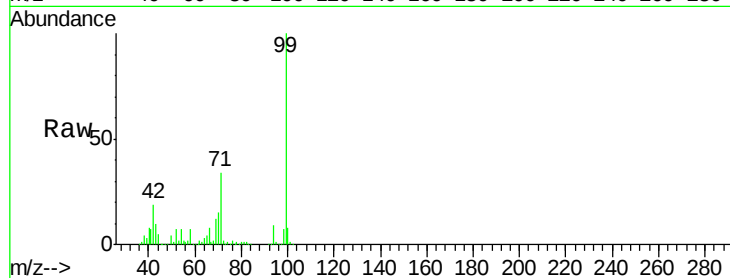
71 33.9 28.0 42.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.466 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

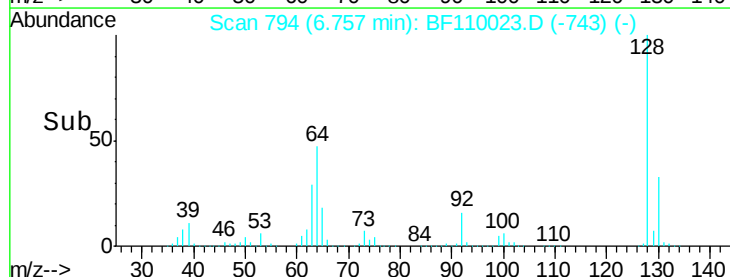
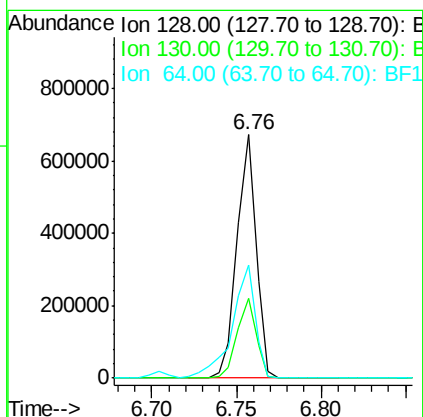
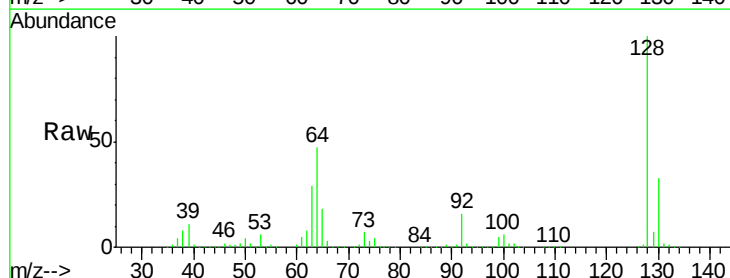
Tgt Ion: 128 Resp: 529250

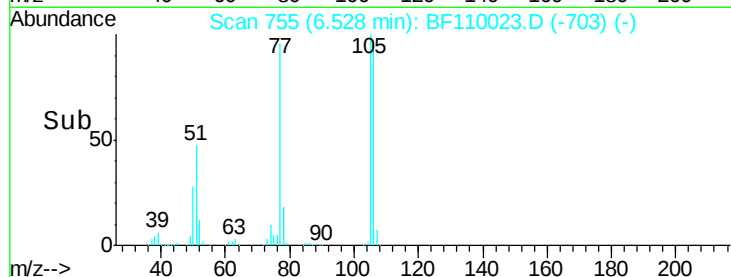
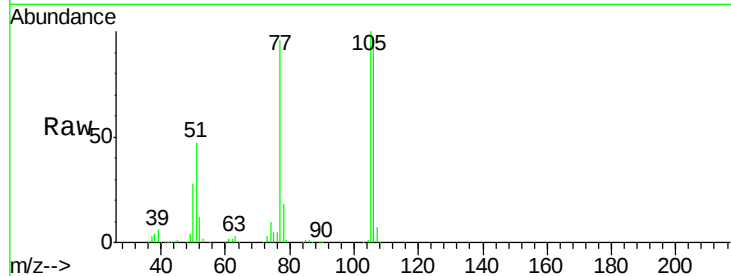
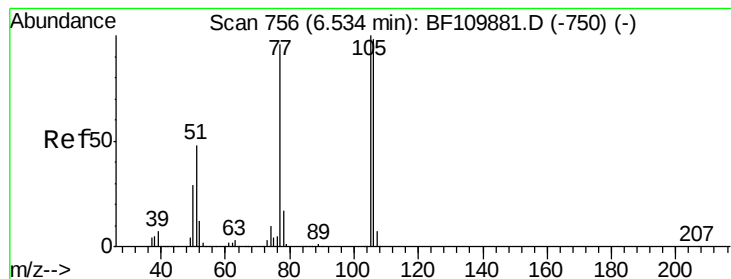
Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

64 46.6 26.0 66.0





#9

Benzaldehyde

Concen: 37.906 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

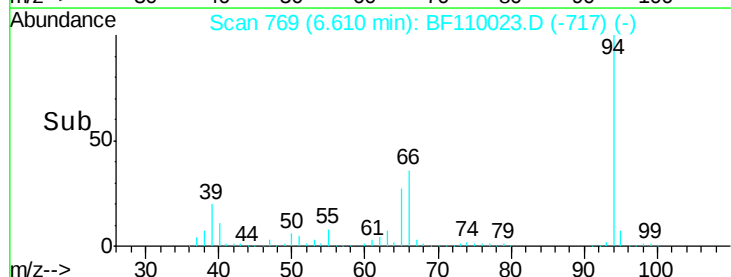
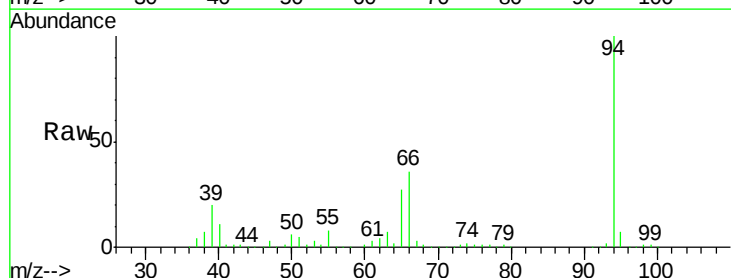
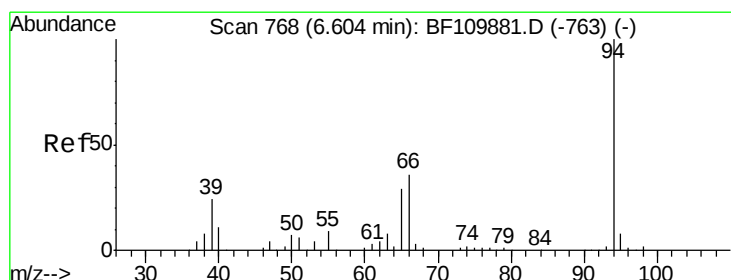
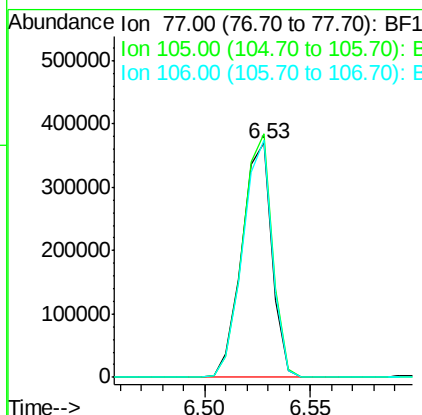
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.8	78.6	118.6
106	101.2	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 39.544 ng

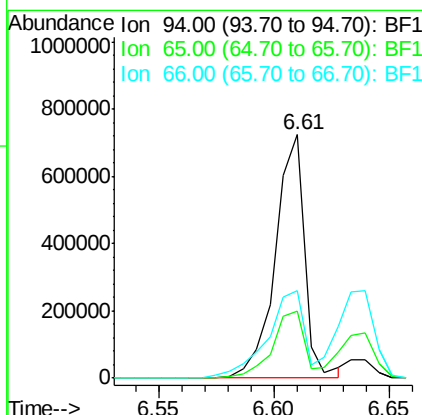
RT: 6.61 min Scan# 769

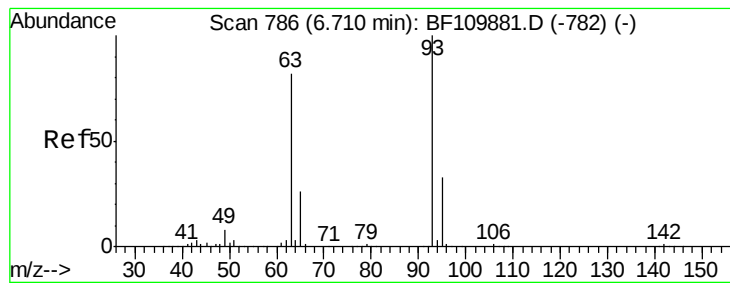
Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	35.7	54.5	94.5#





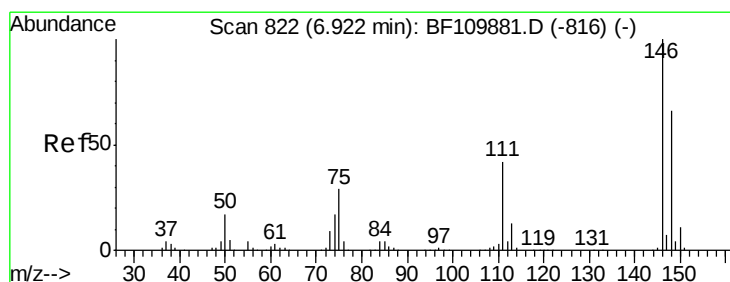
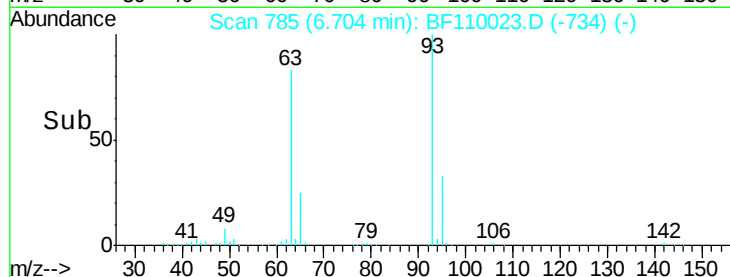
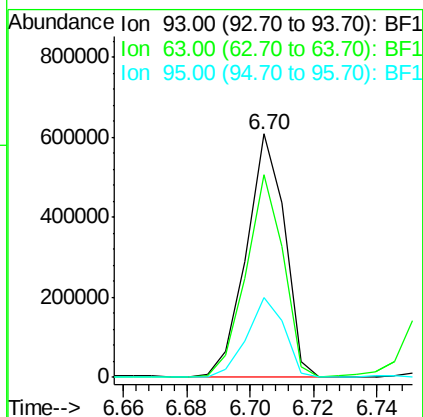
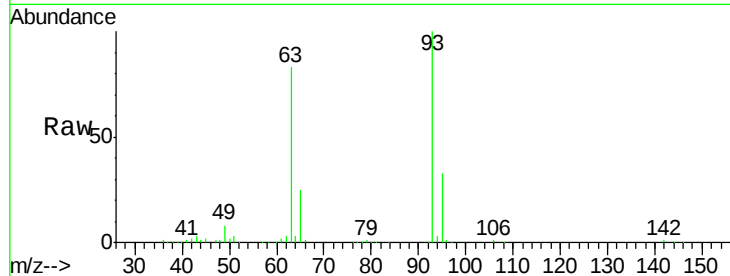
#11
bis(2-Chloroethyl)ether
Concen: 37.831 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	83.3	53.4	93.4
95	32.8	12.1	52.1

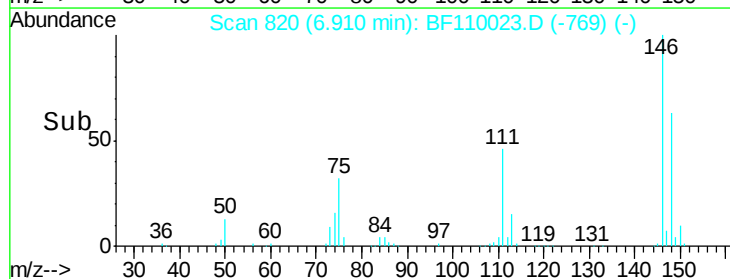
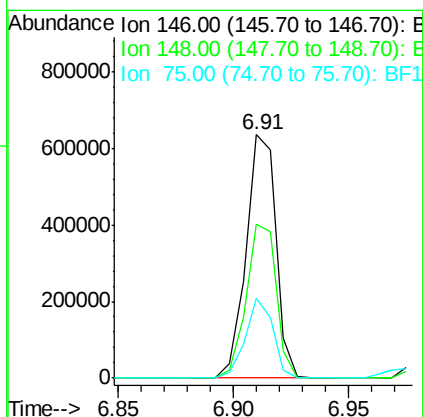
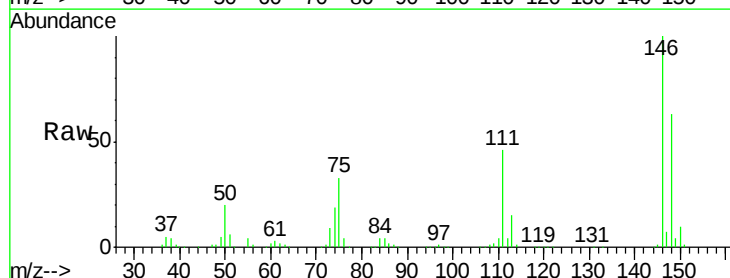
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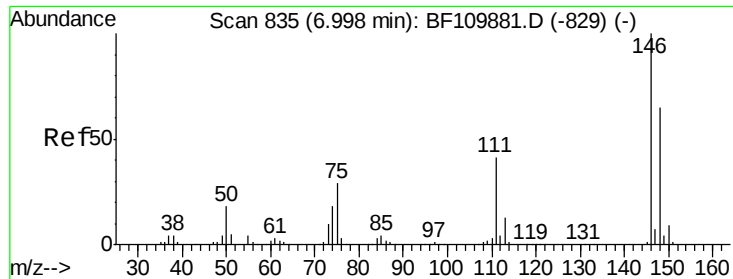
Sohil
10/22/2018 2:55:51 PM



#12
1,3-Dichlorobenzene
Concen: 39.235 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.5	50.4	75.6
75	32.6	25.8	38.6





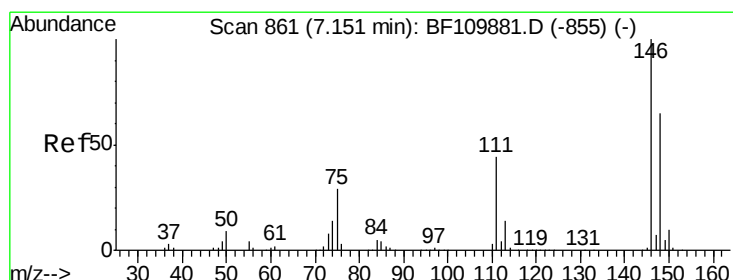
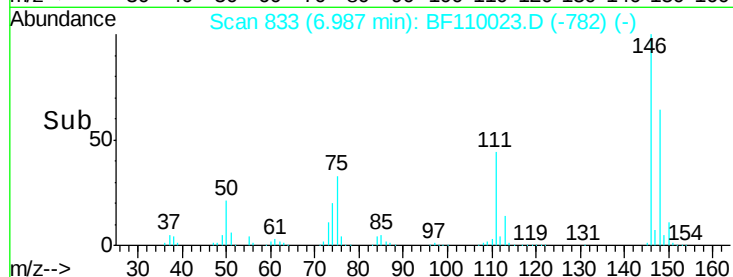
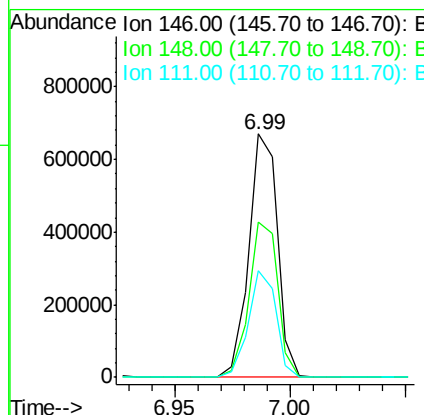
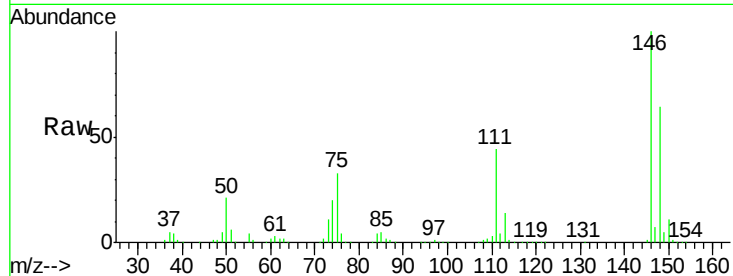
#13
1,4-Dichlorobenzene
Concen: 39.243 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	44.0	32.7	49.1

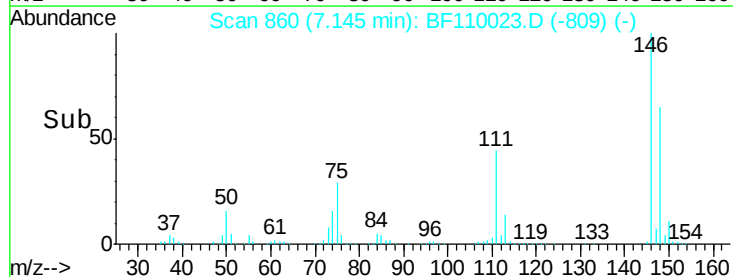
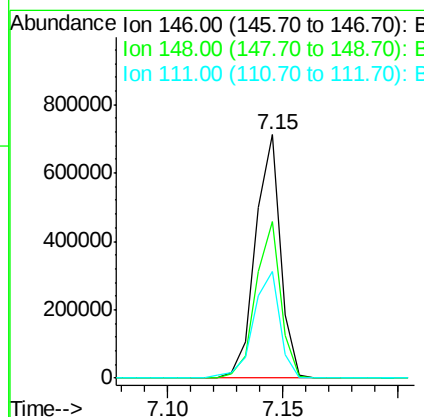
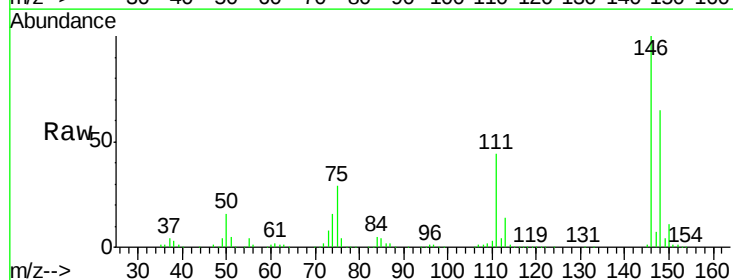
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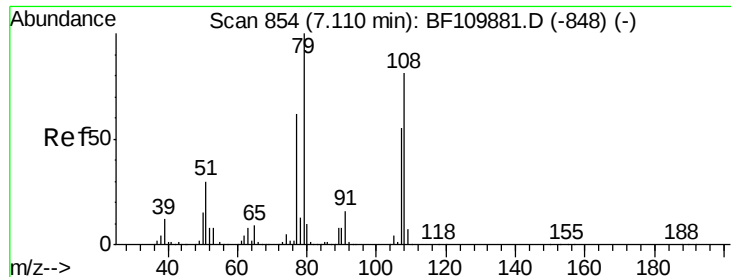
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.531 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.122 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

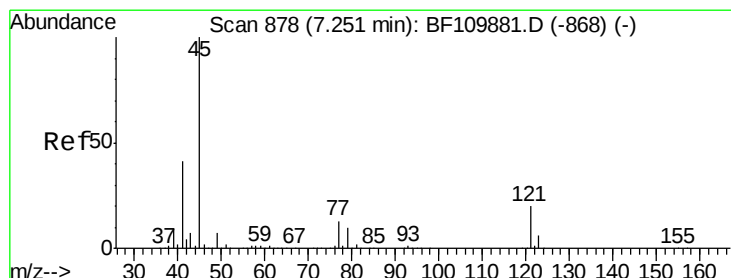
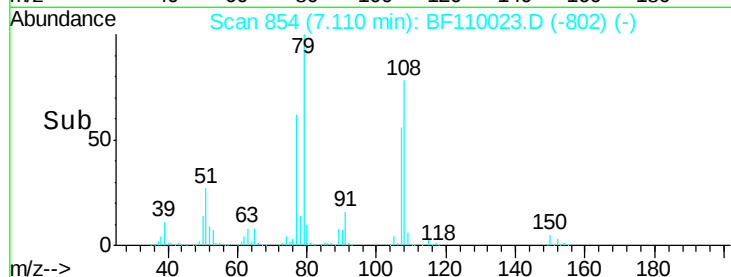
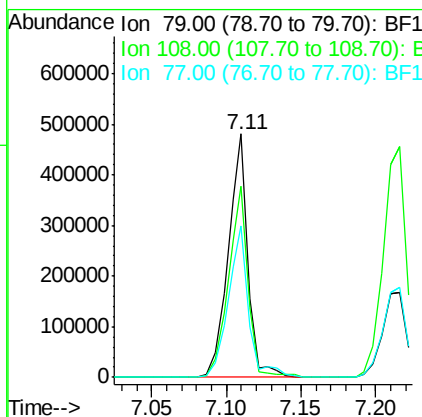
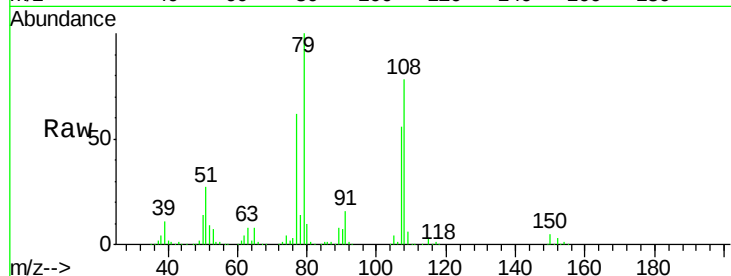
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	447430
Ion Ratio	Lower	Upper	
79	100		
108	78.3	56.3	84.5
77	62.1	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.941 ng

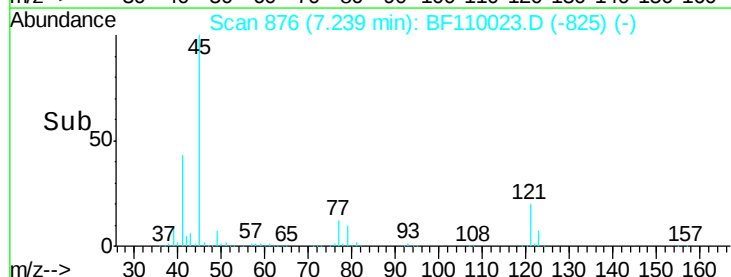
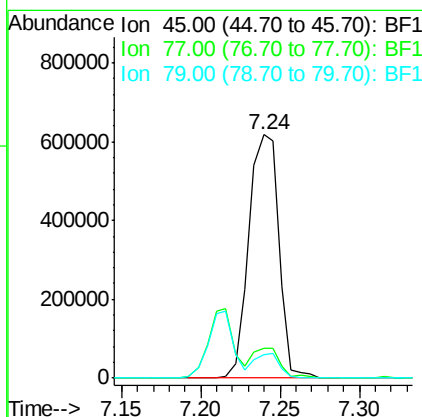
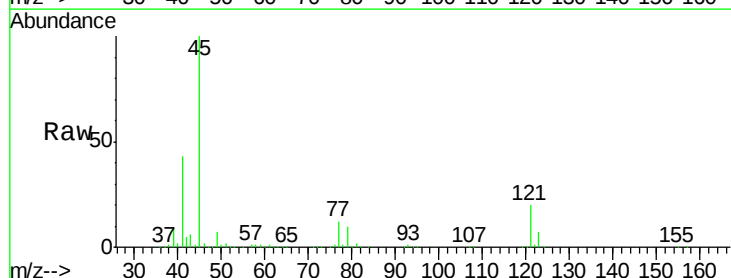
RT: 7.24 min Scan# 876

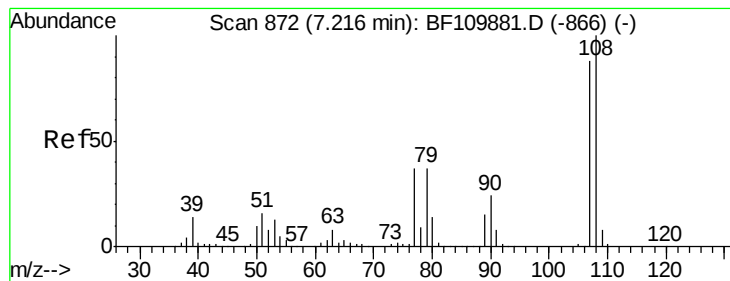
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	45	Resp:	813694
Ion Ratio	Lower	Upper	
45	100		
77	12.5	10.0	50.0
79	9.5	6.1	46.1





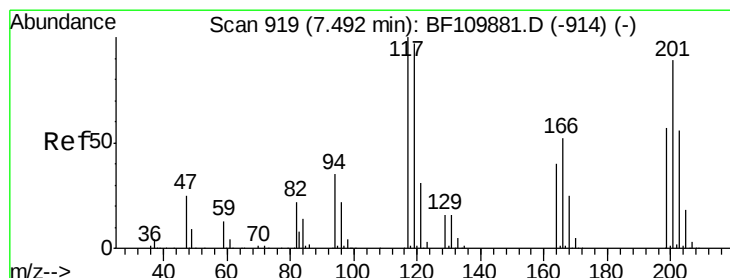
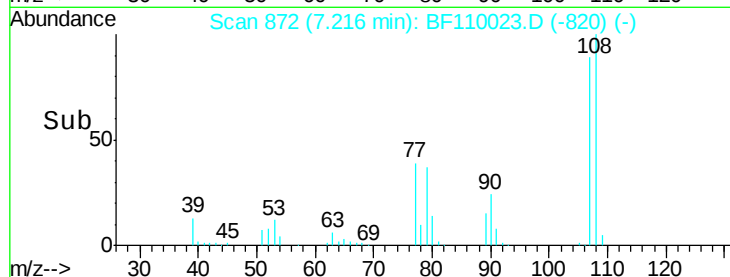
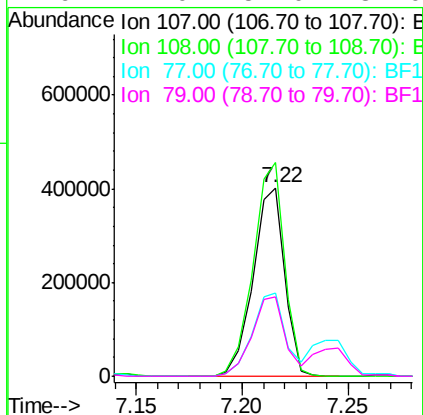
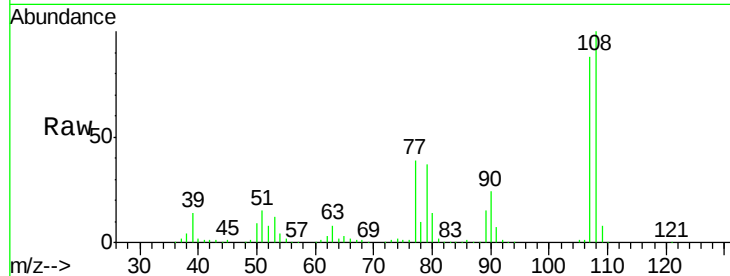
#17
2-Methylphenol
Concen: 38.800 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	419568		
108	113.5	92.6	138.8	
77	44.0	59.4	89.2#	
79	42.0	54.0	81.0#	

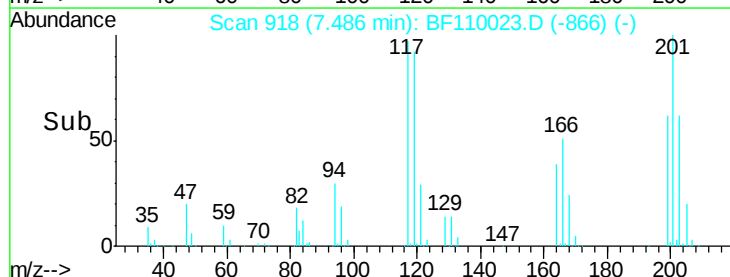
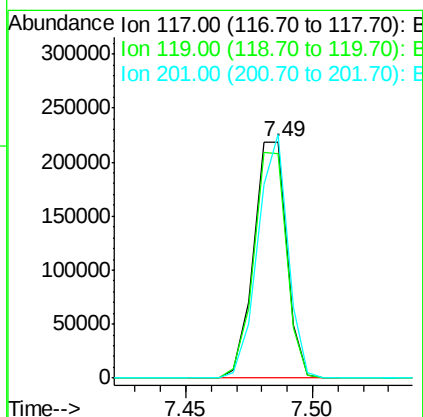
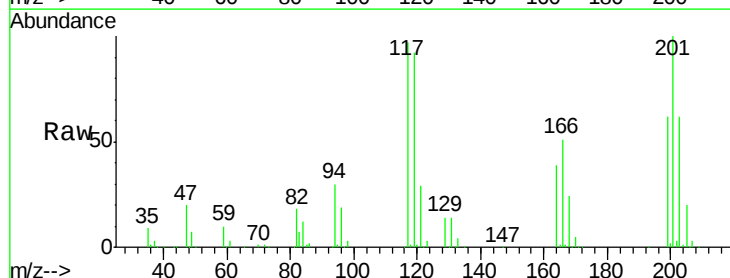
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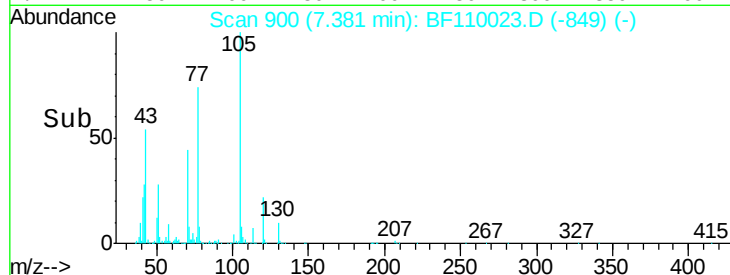
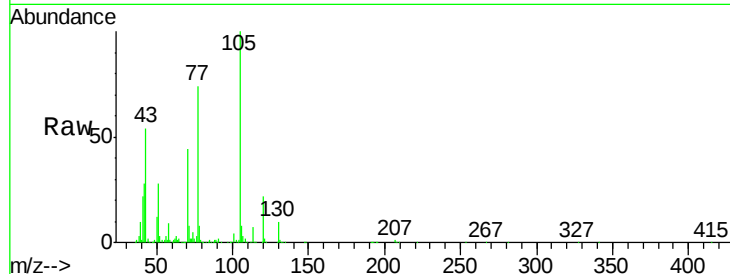
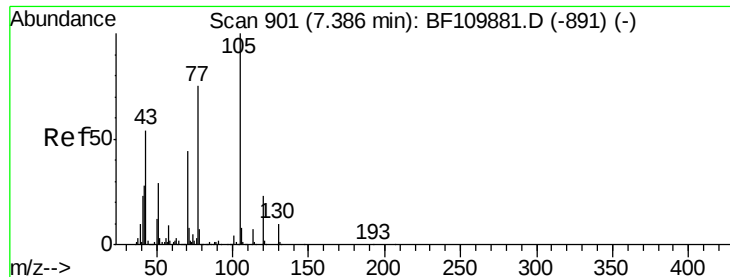
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#18
Hexachloroethane
Concen: 38.281 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	200342		
119	94.8	75.0	112.6	
201	102.9	79.2	118.8	





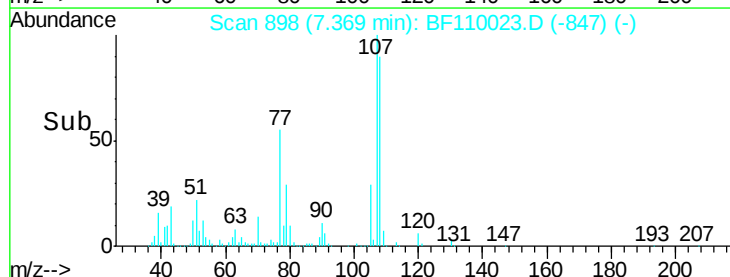
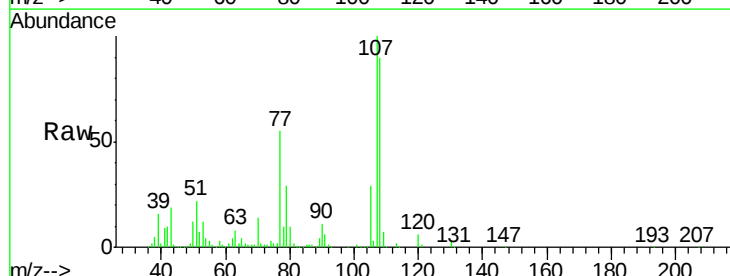
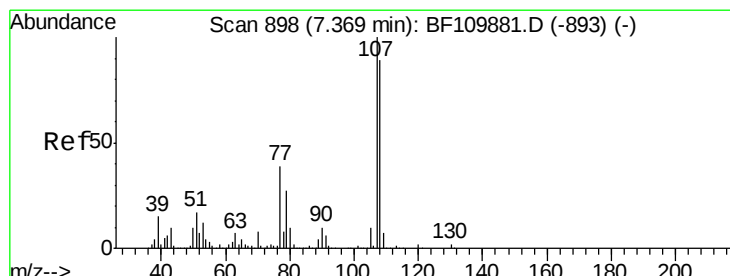
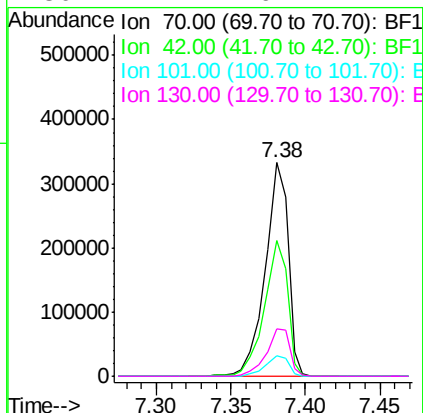
#19
n-Nitroso-di-n-propylamine
Concen: 36.900 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.4	71.2
101	9.3	7.3	10.9
130	22.2	16.2	24.2

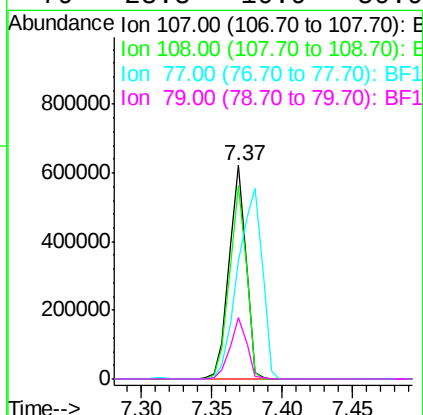
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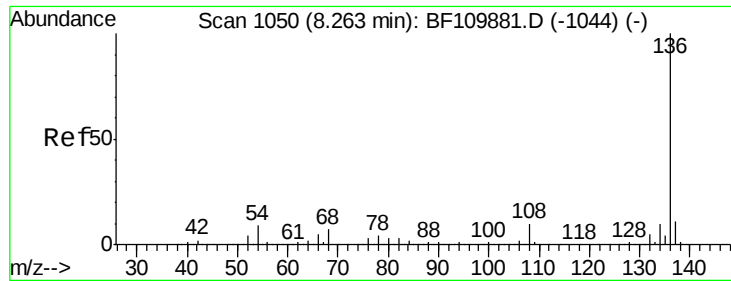
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#20
3+4-Methylphenols
Concen: 37.940 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	55.4	47.3	87.3
79	28.8	10.9	50.9





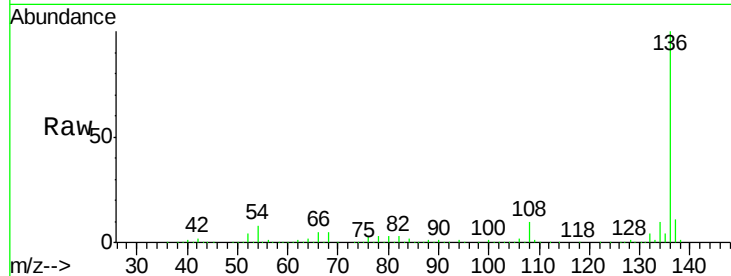
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

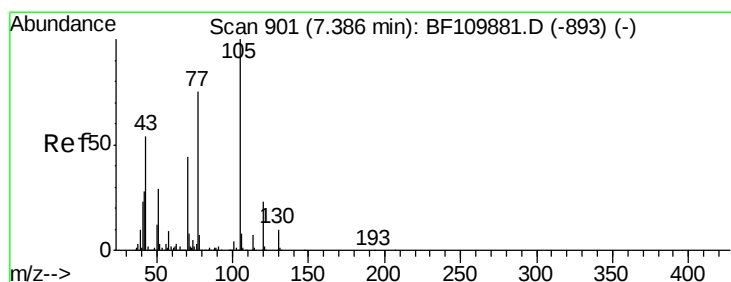
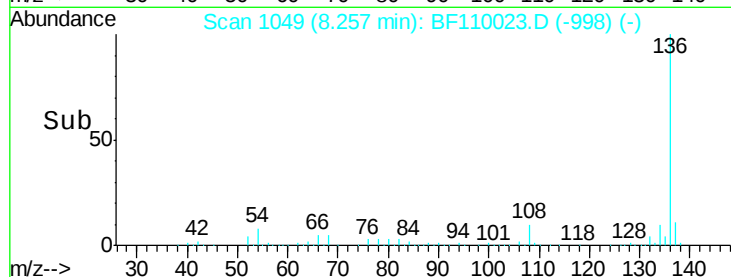
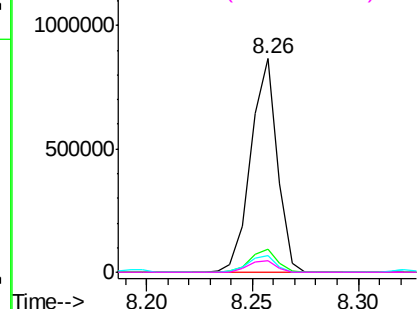
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	751091		
137	10.8		8.8	13.2
54	7.8		5.4	8.2
68	5.5		4.2	6.2

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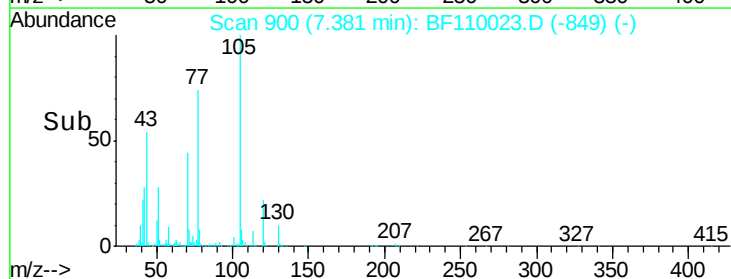
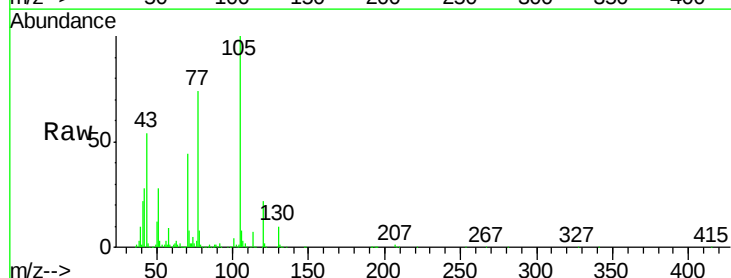
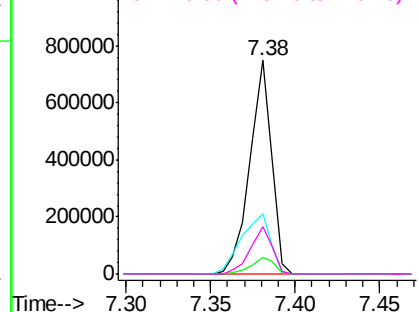
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

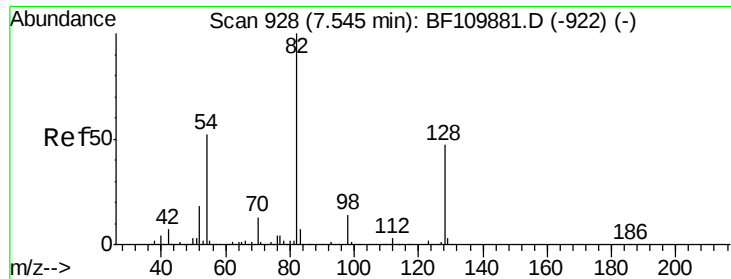


#22
Acetophenone
Concen: 39.027 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679783		
71	7.6		5.2	7.8
51	27.9		21.8	32.8
120	22.1		17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





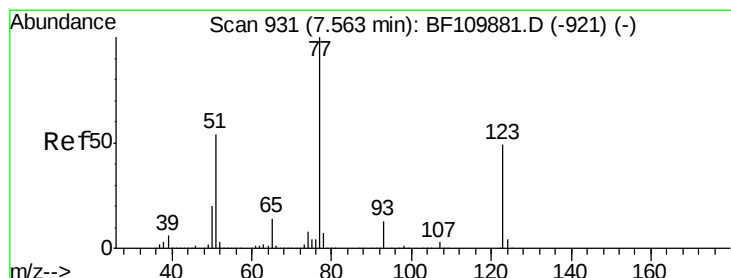
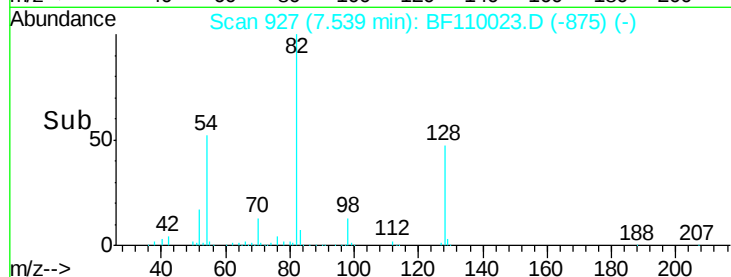
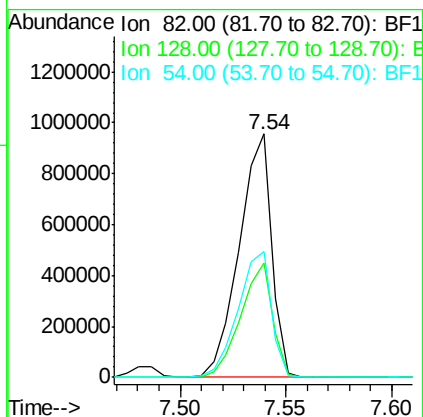
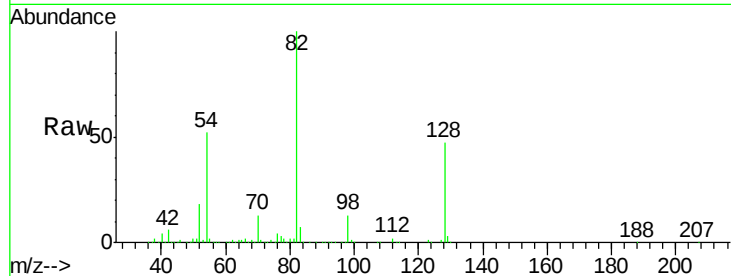
#23
Nitrobenzene-d5
Concen: 91.344 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1018459
Ion Ratio Lower Upper
82 100
128 46.9 34.2 51.2
54 51.6 38.6 58.0

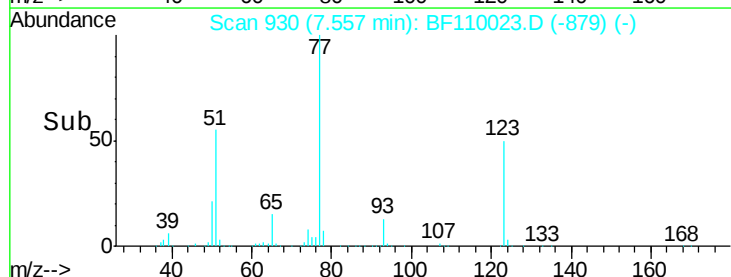
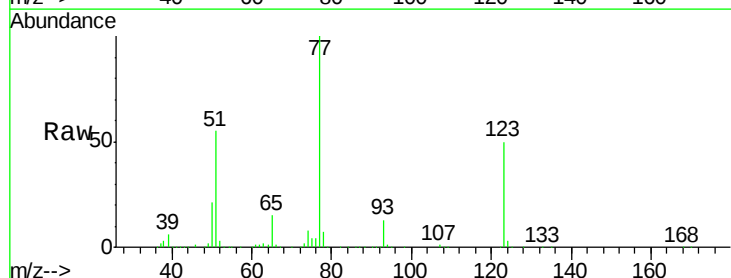
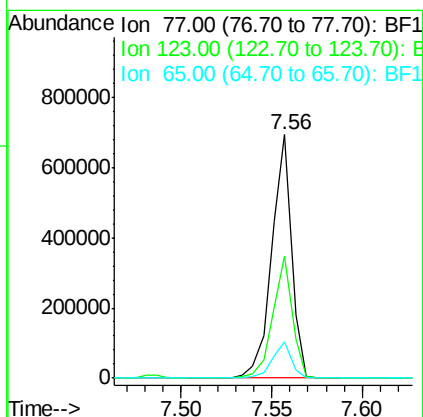
Manual Integrations
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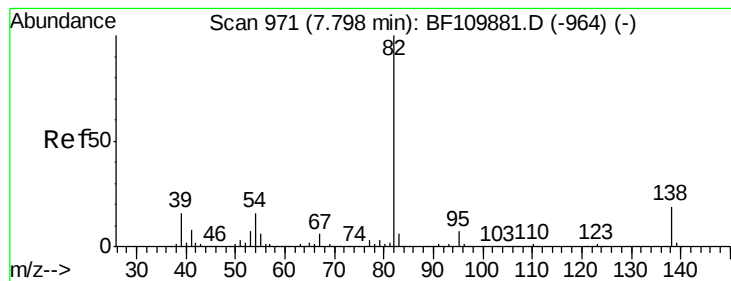
Sohil
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#24
Nitrobenzene
Concen: 43.566 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion: 77 Resp: 527687
Ion Ratio Lower Upper
77 100
123 50.1 35.7 53.5
65 14.7 10.7 16.1





#25

Isophorone

Concen: 38.305 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

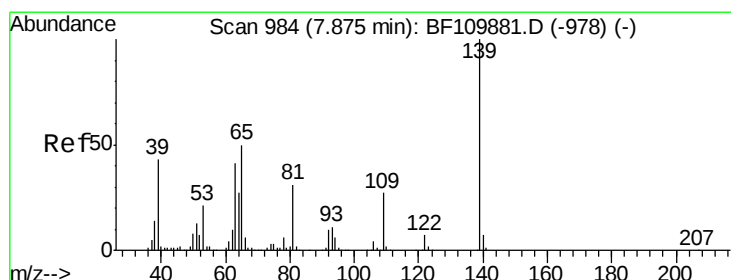
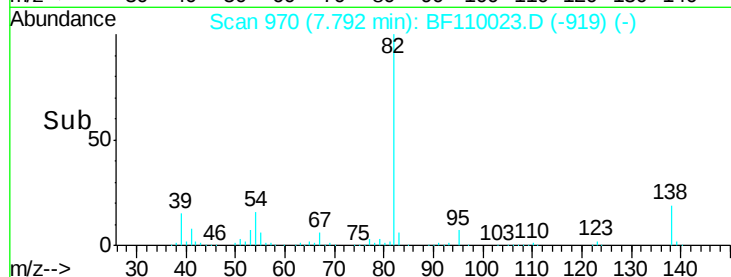
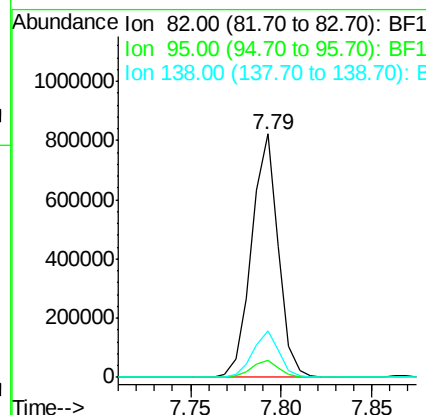
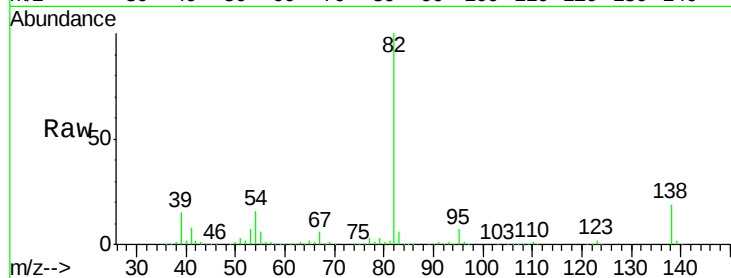
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	839191
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.3	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.869 ng

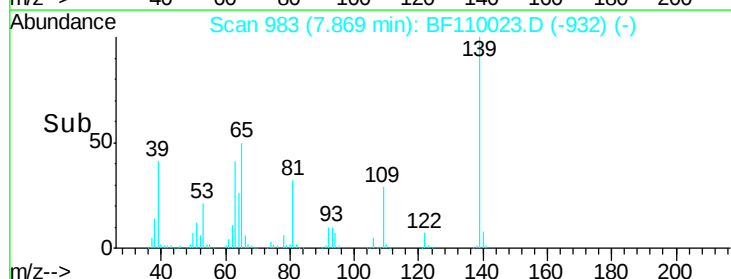
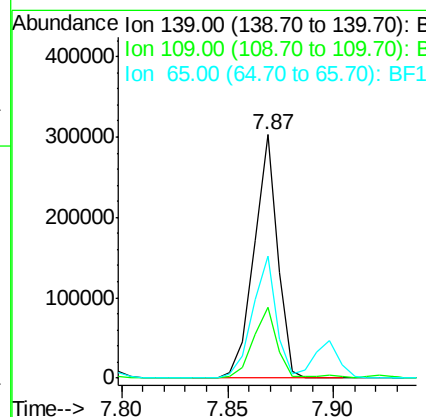
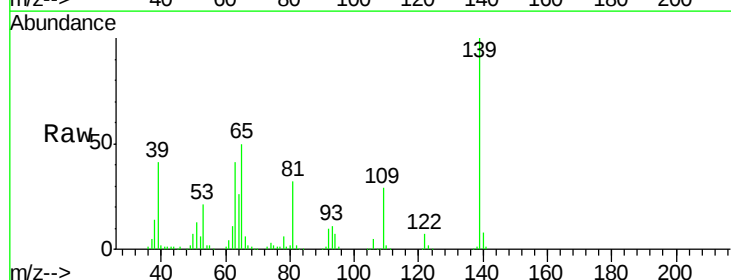
RT: 7.87 min Scan# 983

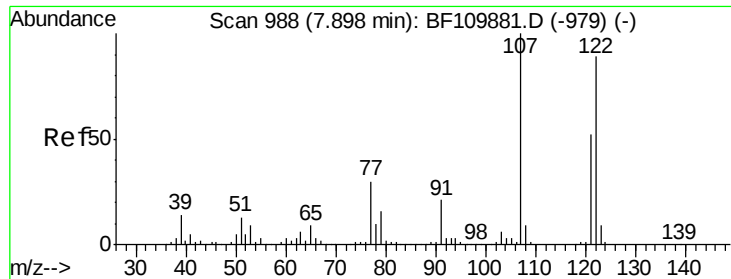
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	139	Resp:	235382
Ion Ratio		Lower	Upper
139	100		
109	29.1	25.0	37.6
65	50.1	44.0	66.0





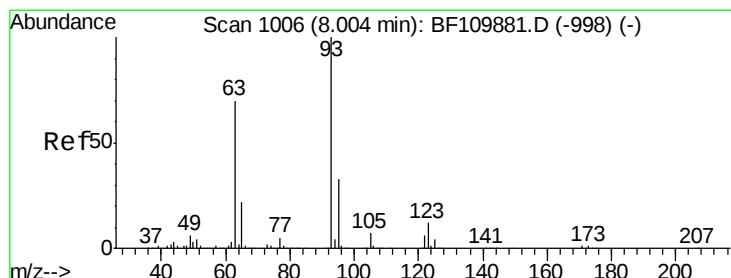
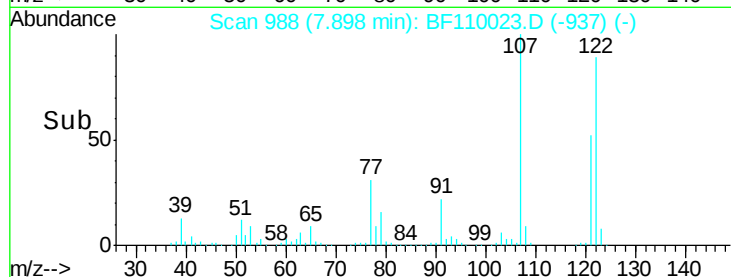
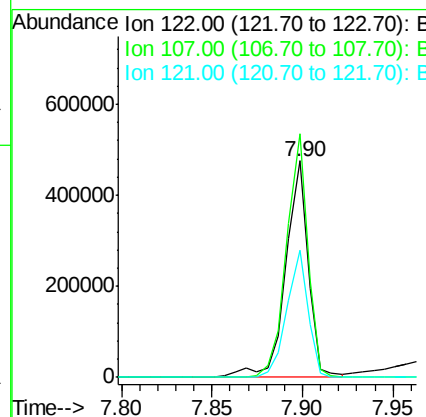
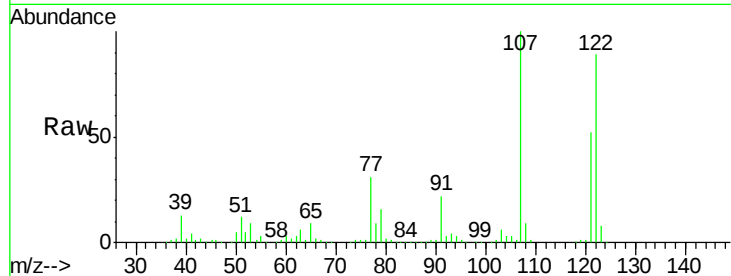
#27
2,4-Dimethylphenol
Concen: 38.957 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	411096		
107	112.4	92.5	138.7	
121	58.8	45.8	68.8	

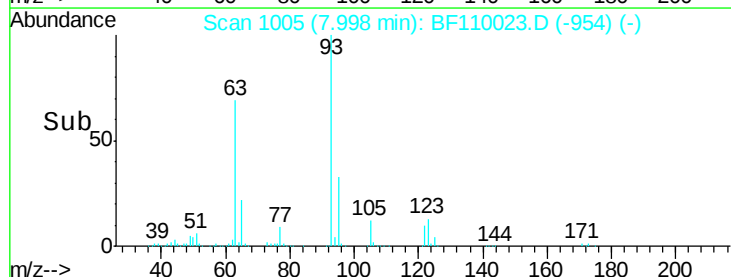
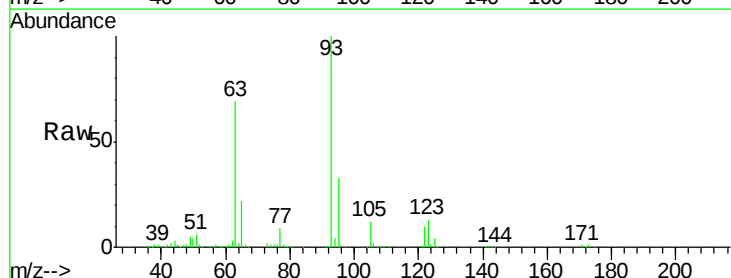
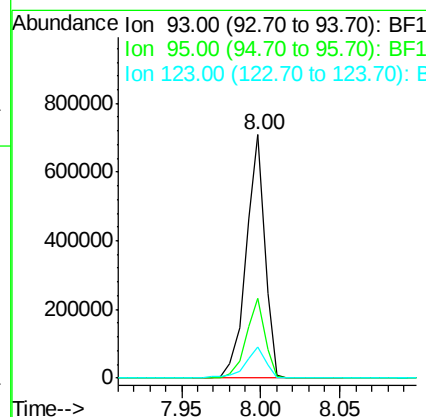
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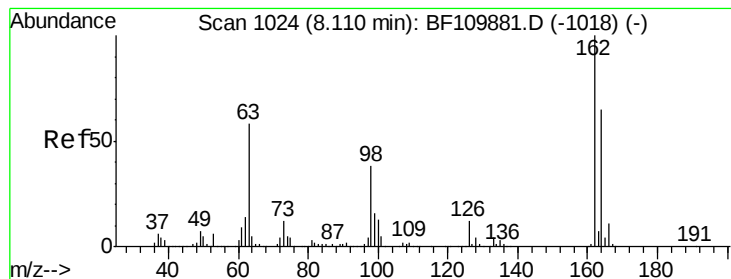
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.204 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	574409		
95	32.9	26.4	39.6	
123	12.7	9.0	13.6	





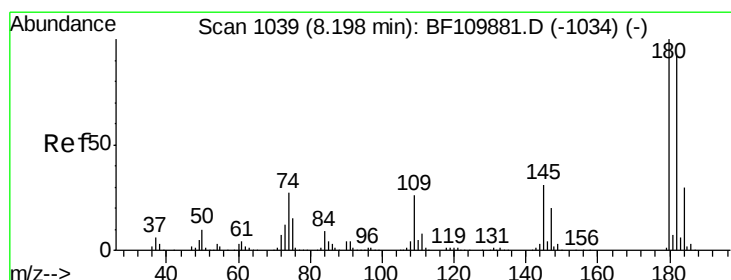
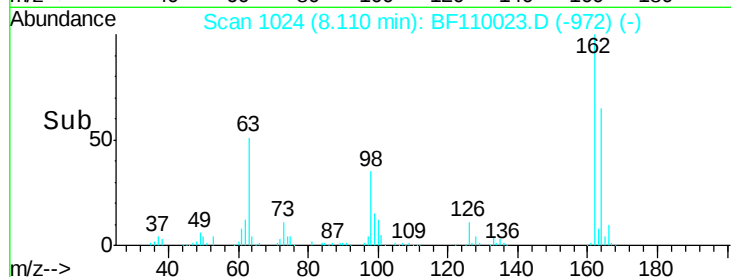
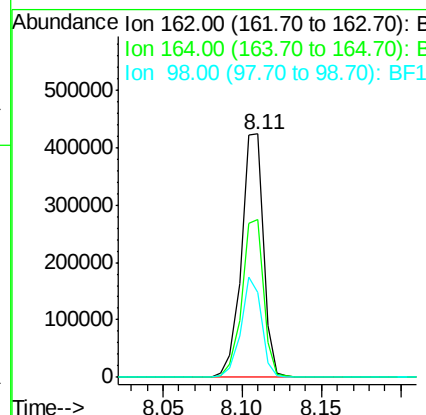
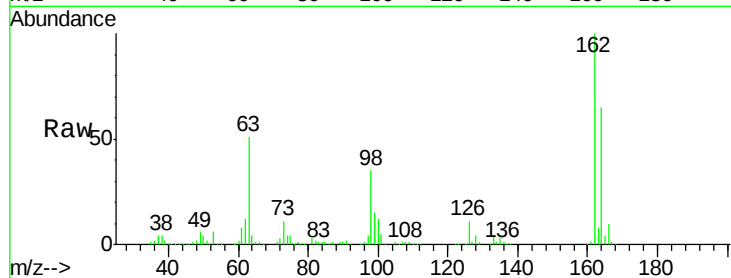
#29
 2,4-Dichlorophenol
 Concen: 40.023 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	409710
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.6	84.6
98	34.8	17.4	57.4

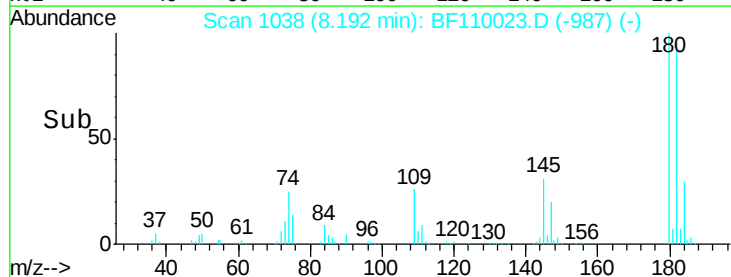
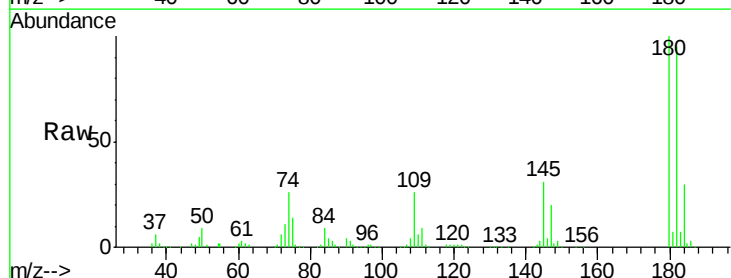
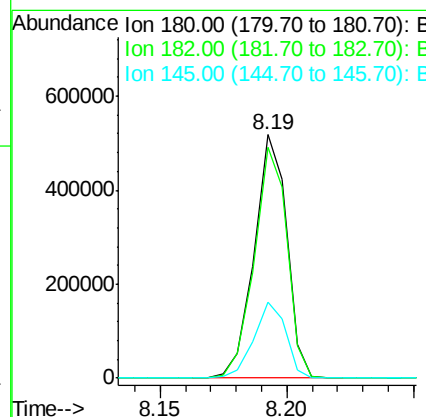
Manual Integrations
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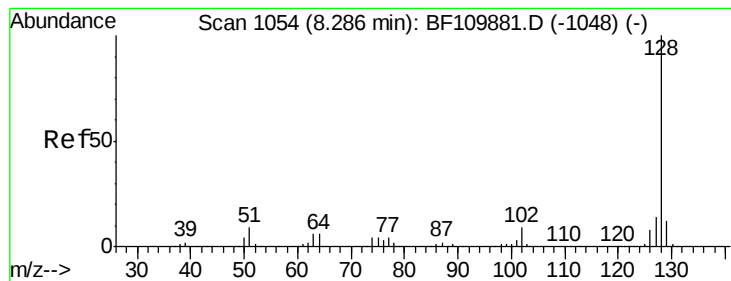
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.425 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion:	180	Resp:	463348
Ion Ratio	Lower	Upper	
180	100		
182	94.8	80.3	120.5
145	31.3	25.4	38.0





#31

Naphthalene

Concen: 39.113 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1347146

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

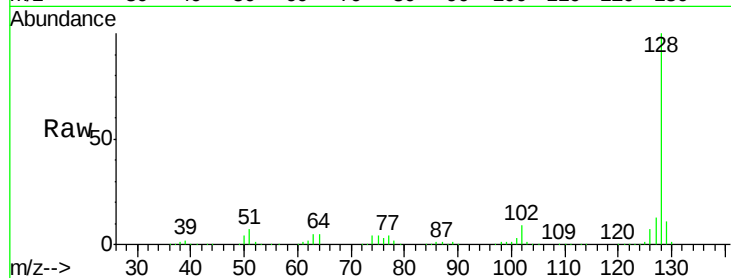
127 13.3 10.8 16.2

Manual Integrations

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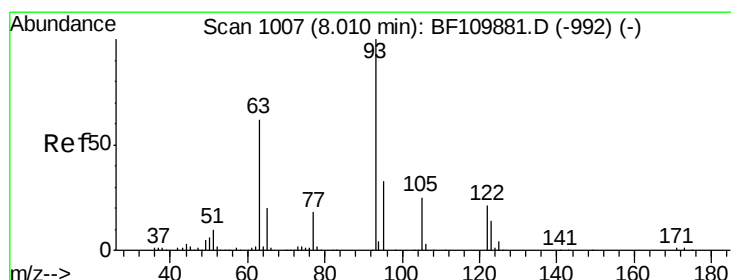
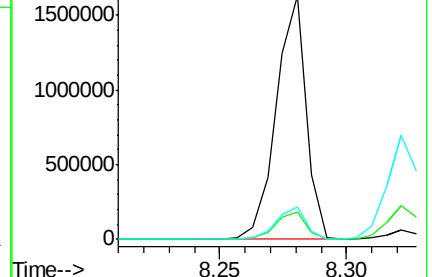
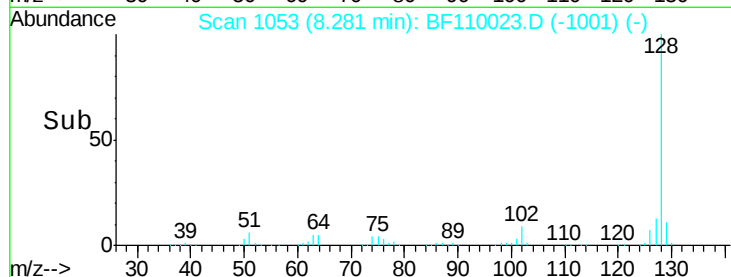
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.167 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.03 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

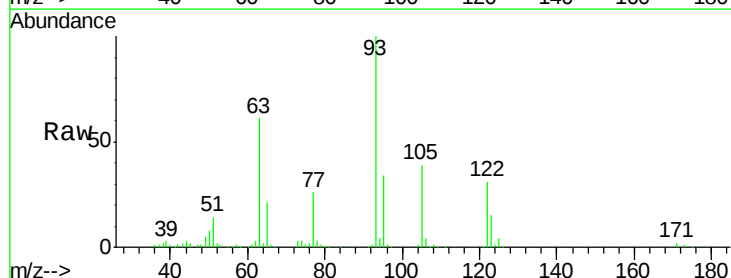
Tgt Ion:122 Resp: 198346

Ion Ratio Lower Upper

122 100

105 125.7 109.0 149.0

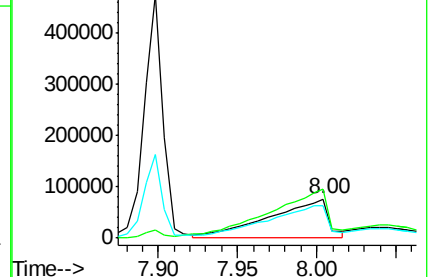
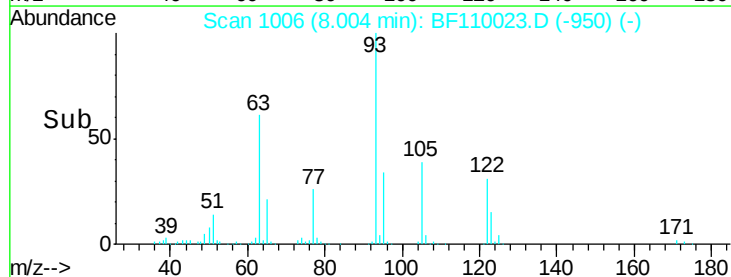
77 83.6 79.0 119.0

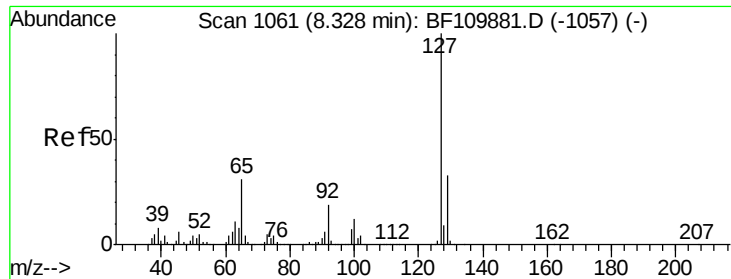


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





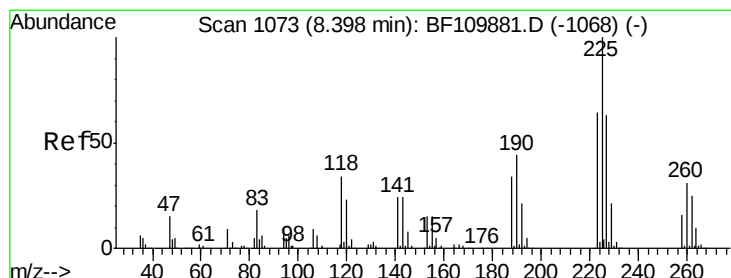
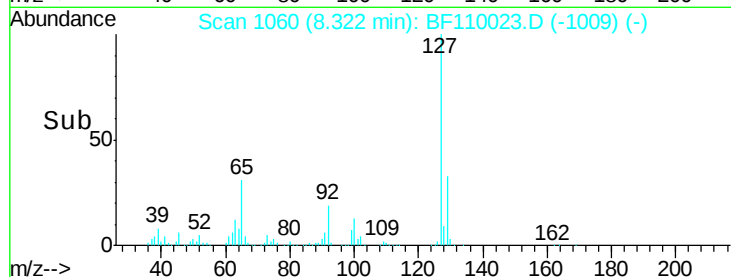
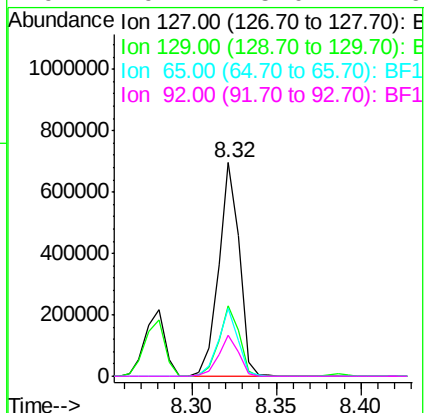
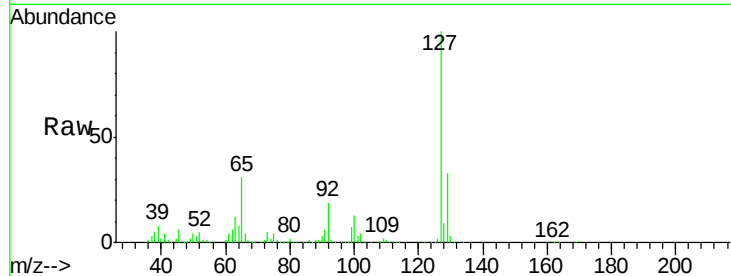
#33
4-Chloroaniline
Concen: 38.357 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	593868		
129	32.7	26.0	39.0	
65	31.5	25.1	37.7	
92	19.4	15.0	22.6	

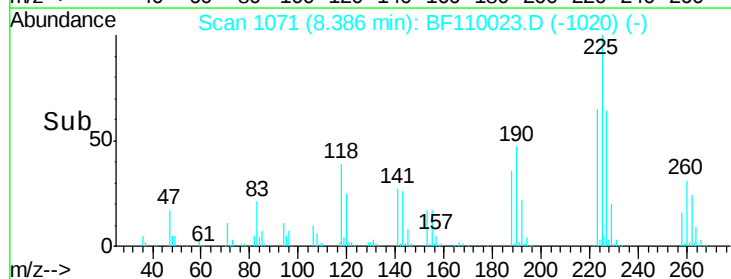
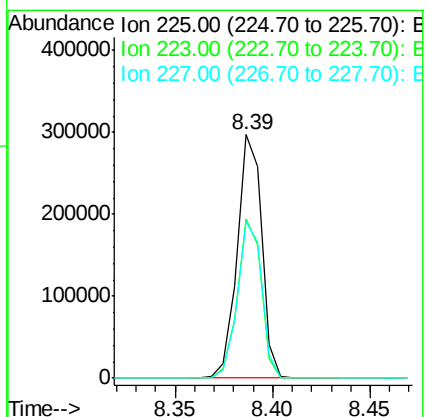
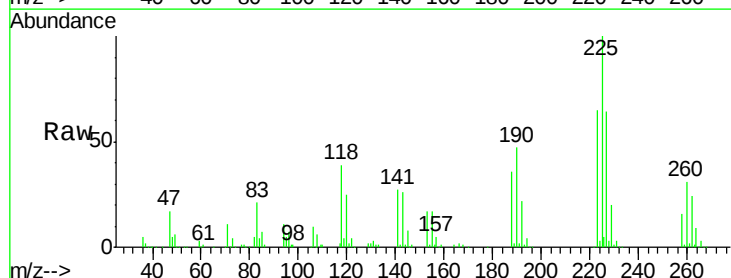
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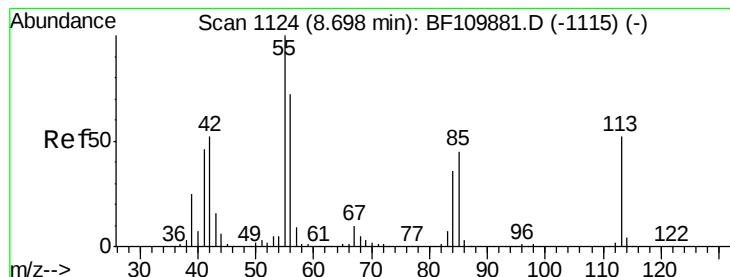
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#34
Hexachlorobutadiene
Concen: 40.722 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	257384		
223	65.4	51.4	77.2	
227	64.3	51.0	76.6	





#35

Caprolactam

Concen: 38.056 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 138357
Ion Ratio Lower Upper

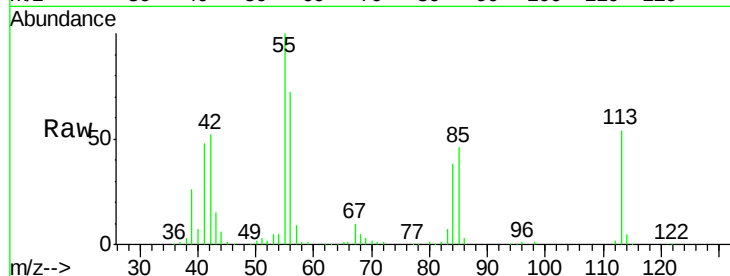
113 100

55 185.6 142.8 182.8#

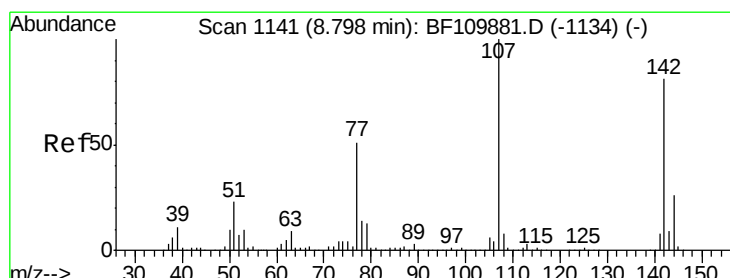
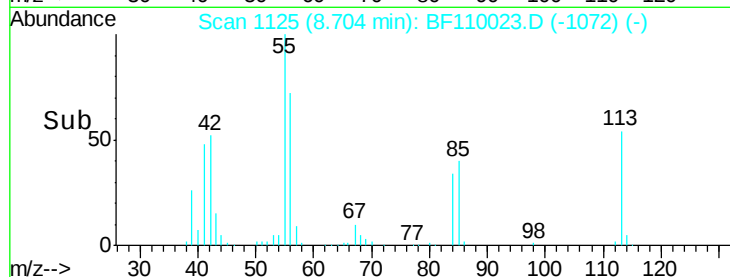
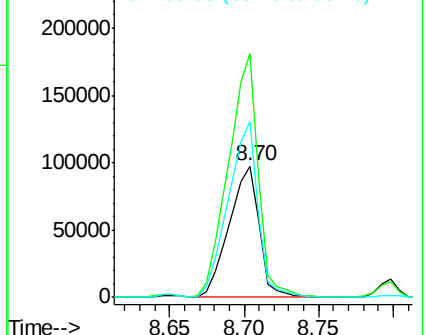
56 134.2 105.0 145.0

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.882 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF110023.D

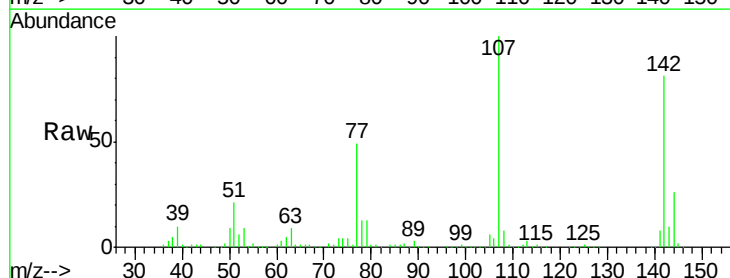
Acq: 20 Oct 2018 1:26

Tgt Ion:107 Resp: 419898
Ion Ratio Lower Upper

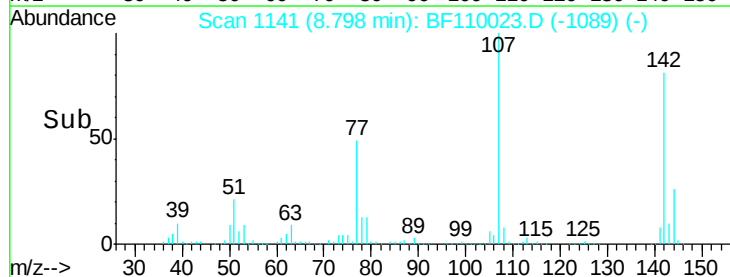
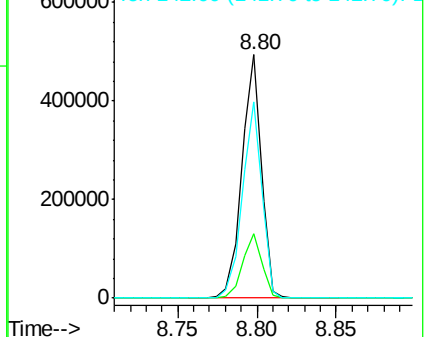
107 100

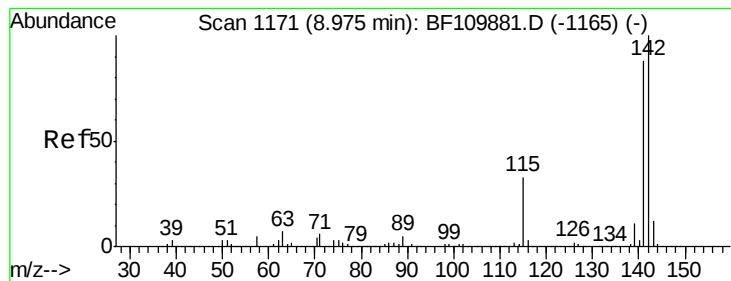
144 26.3 20.0 30.0

142 80.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.776 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

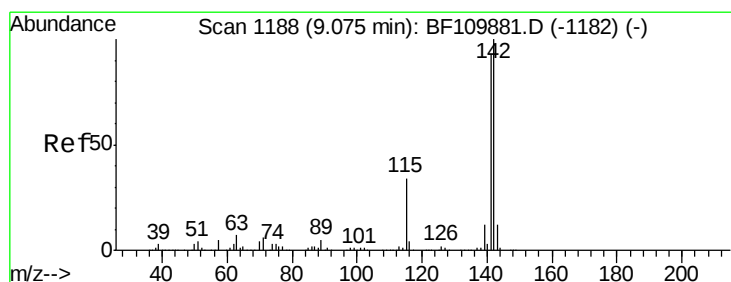
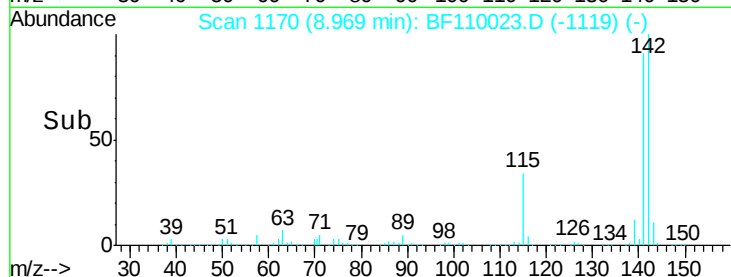
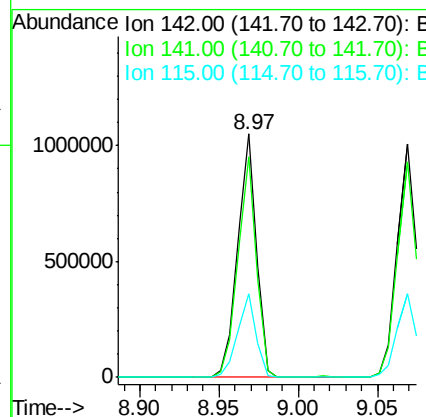
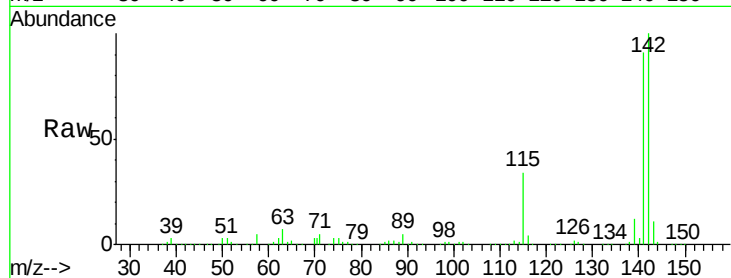
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	864811		
141	90.7	71.4	107.2	
115	34.1	28.7	43.1	

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#38

1-Methylnaphthalene

Concen: 38.355 ng

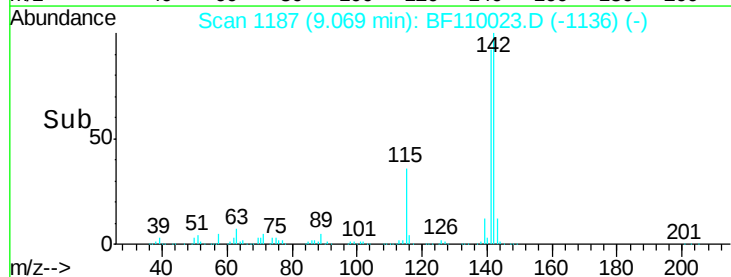
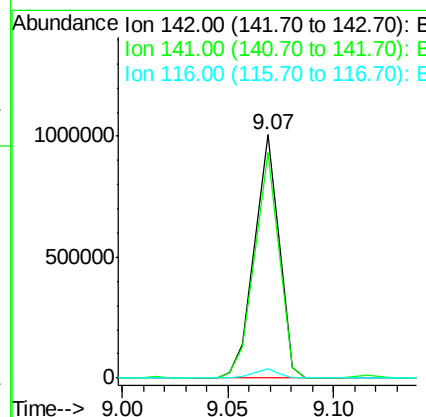
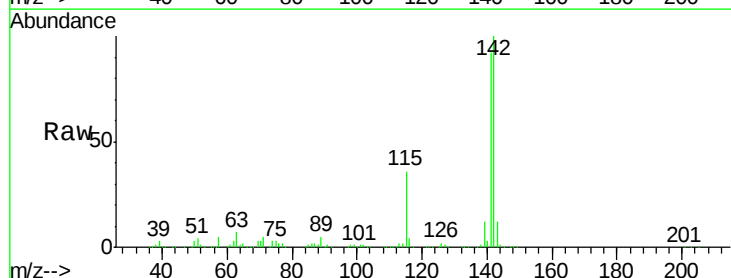
RT: 9.07 min Scan# 1187

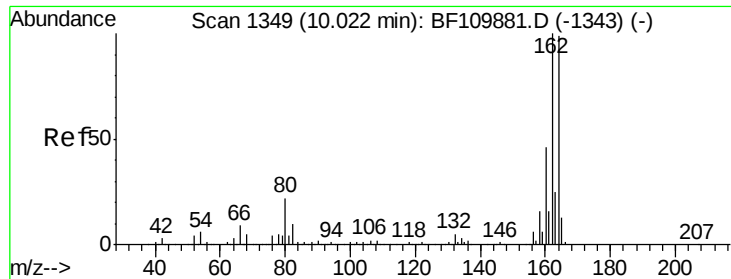
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	828897		
141	92.5	74.2	111.4	
116	3.8	2.6	4.0	





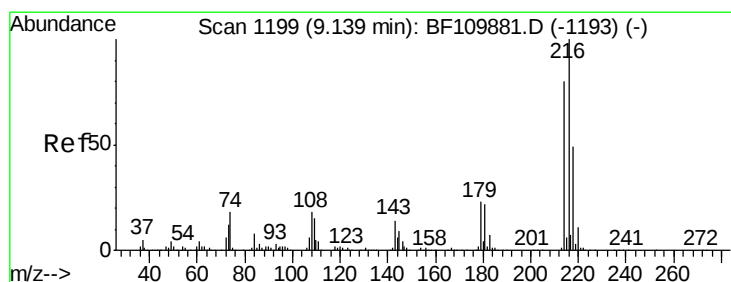
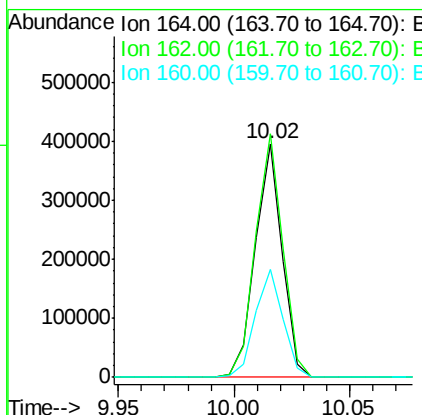
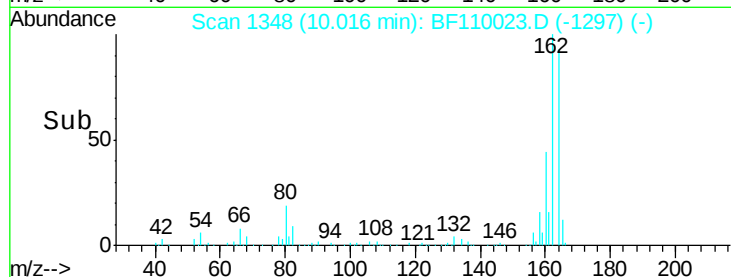
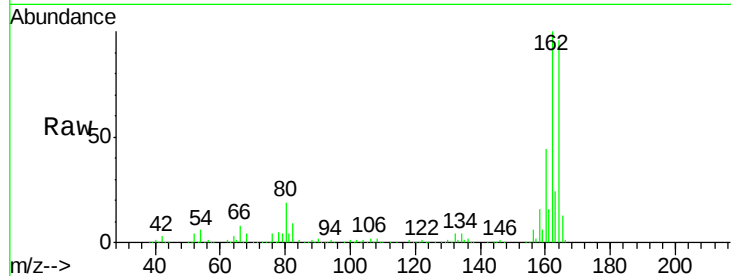
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322970		
162	104.3	83.0	124.6	
160	46.0	37.0	55.6	

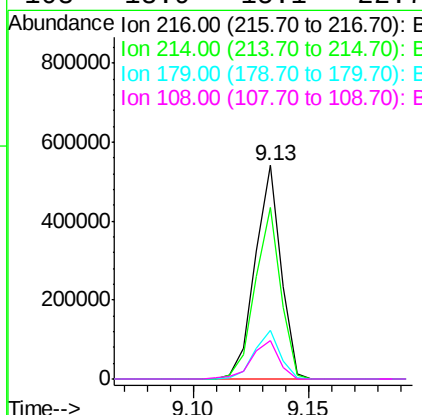
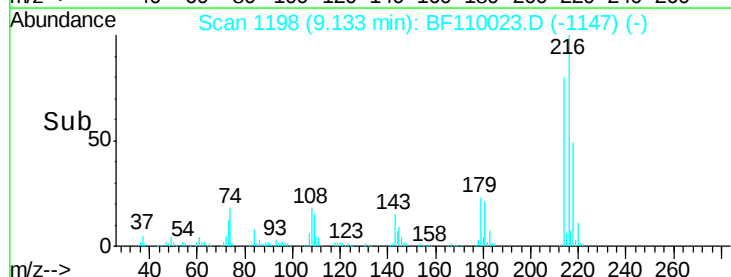
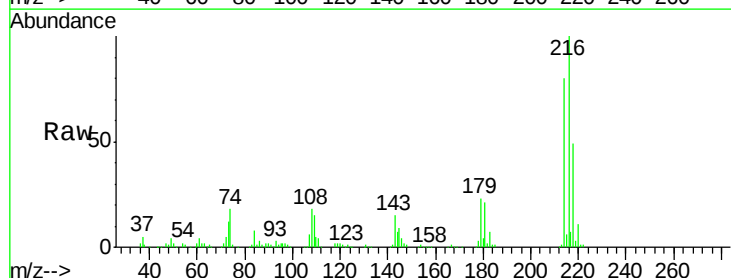
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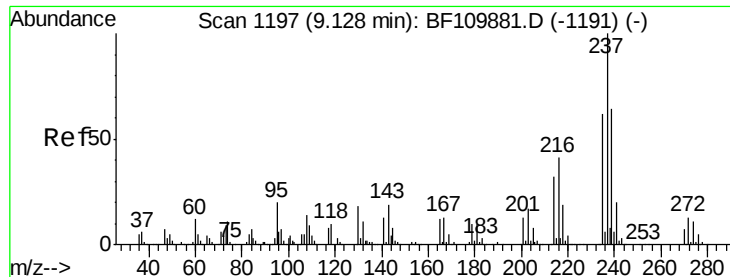
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.517 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	422948		
214	79.6	63.8	95.6	
179	22.5	16.6	25.0	
108	18.9	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 17.493 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

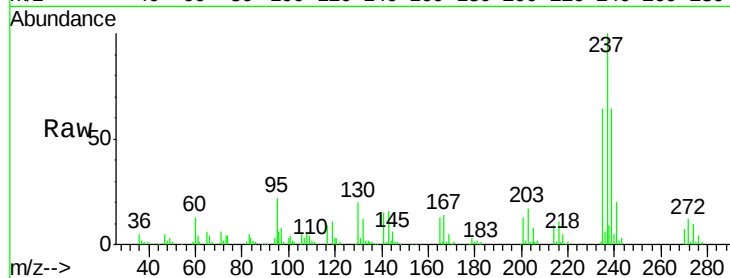
ClientSampleId :

SSTDCCC040

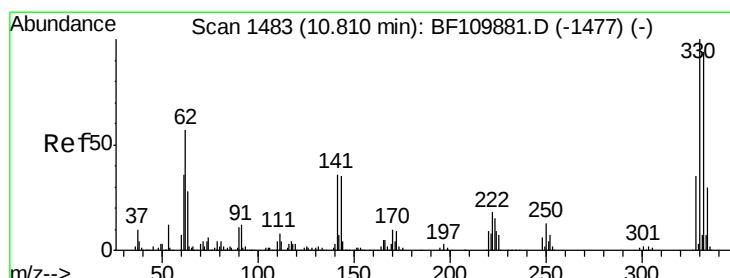
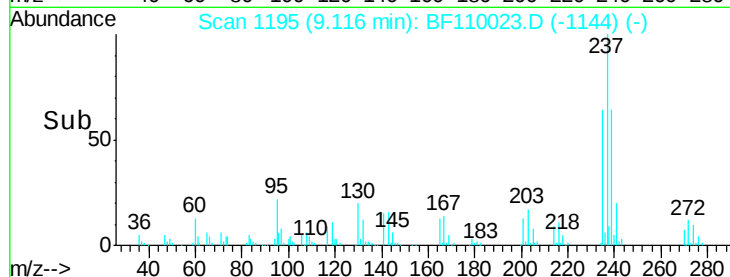
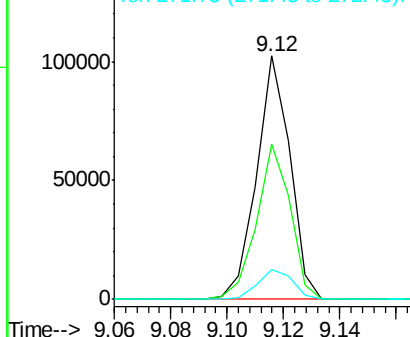
Tgt Ion:	237	Resp:	83989
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.1	83.1
272	12.3	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.143 ng

RT: 10.80 min Scan# 1482

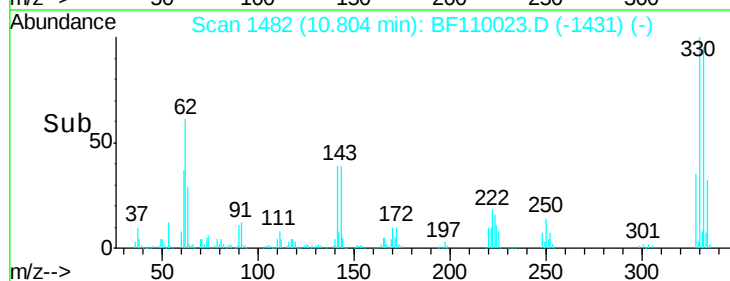
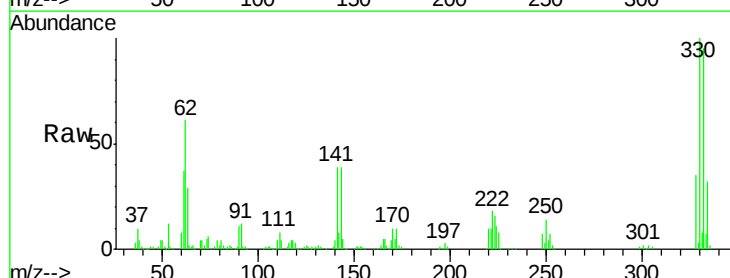
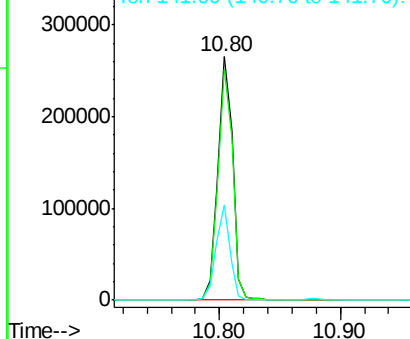
Delta R.T. -0.00 min

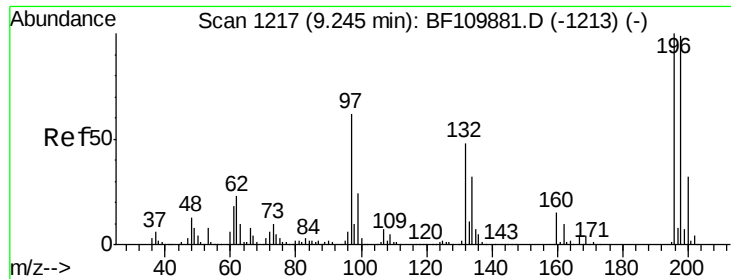
Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	330	Resp:	221299
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.1	115.7
141	36.9	27.0	40.4

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





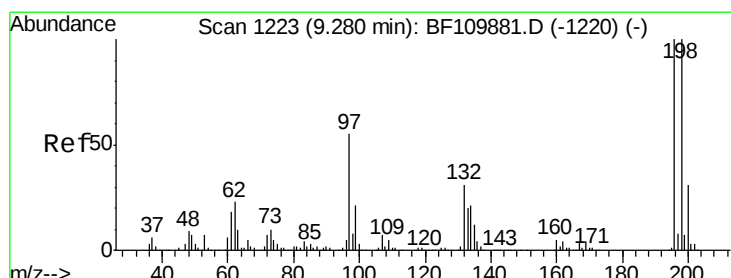
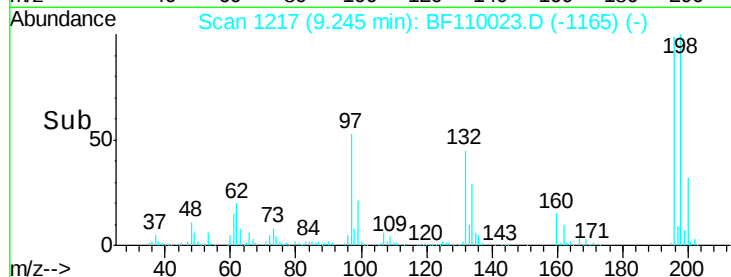
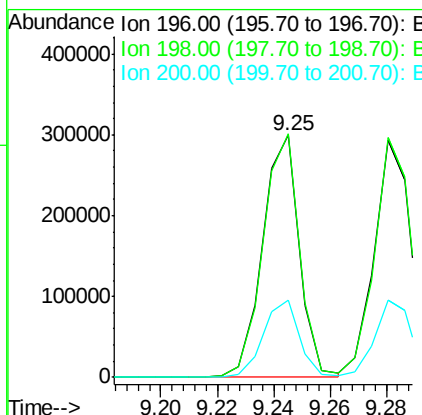
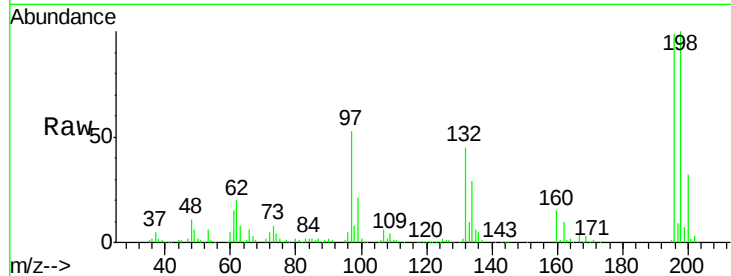
#43
 2,4,6-Trichlorophenol
 Concen: 43.403 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	269977
Ion Ratio	Lower	Upper	
196	100		
198	100.5	76.2	114.4
200	31.9	24.4	36.6

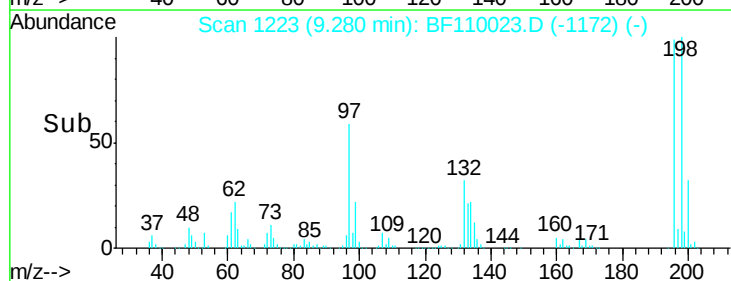
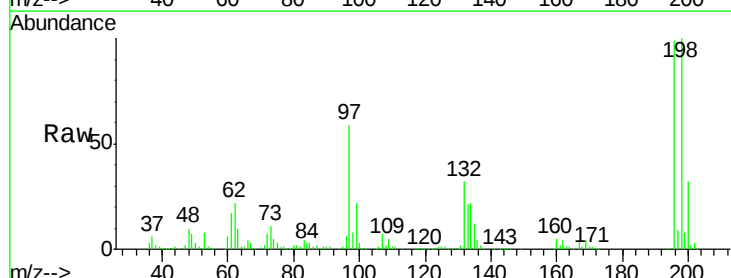
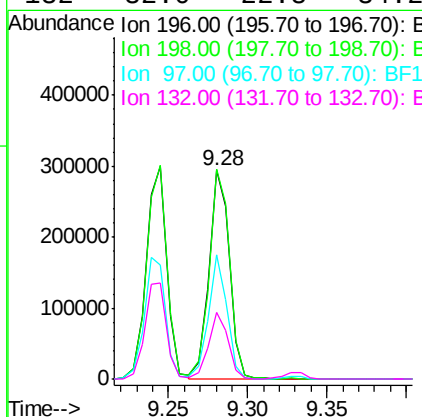
Manual Integrations
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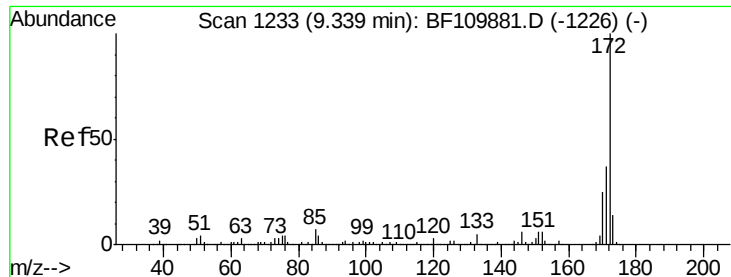
Sohil
 10/22/2018 2:55:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.192 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion:	196	Resp:	265933
Ion Ratio	Lower	Upper	
196	100		
198	100.8	75.8	113.6
97	59.5	42.4	63.6
132	32.0	22.8	34.2





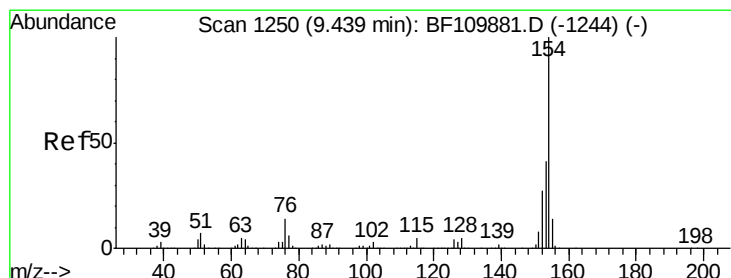
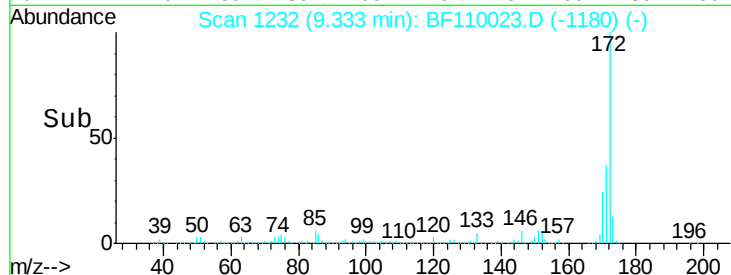
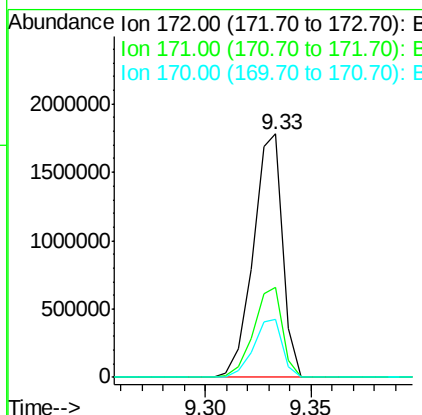
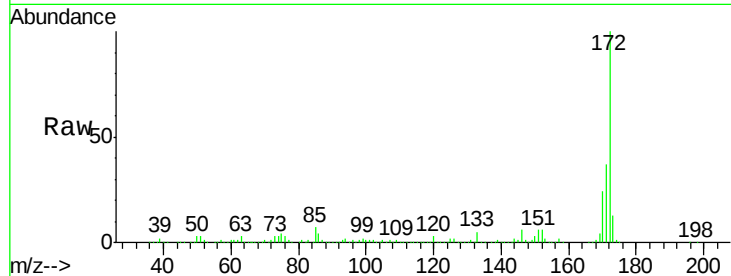
#45
2-Fluorobiphenyl
Concen: 85.002 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1720498
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.0 19.7 29.5

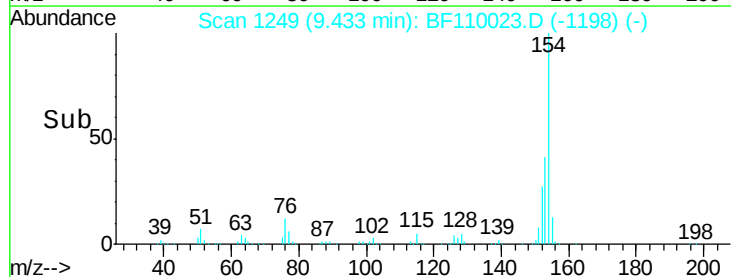
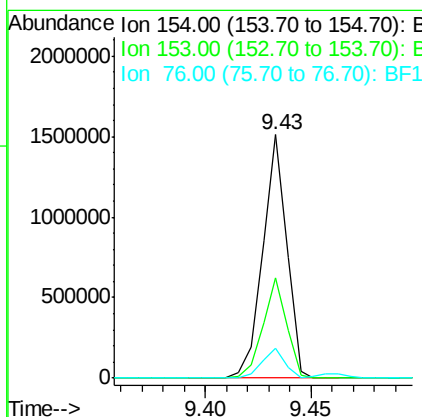
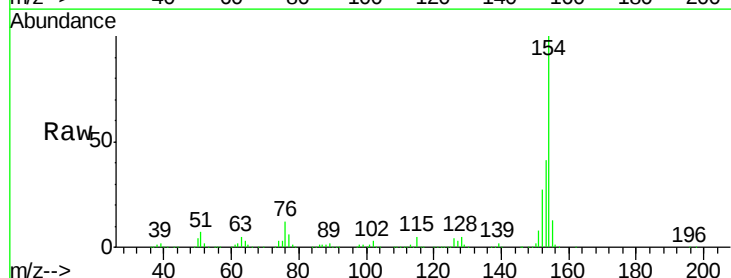
Manual Integrations
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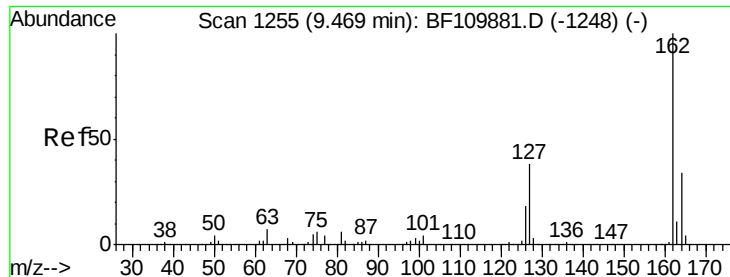
Sohil
10/22/2018 2:55:51 PM



#46
1,1'-Biphenyl
Concen: 41.669 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:154 Resp: 1199031
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 12.2 0.0 31.9





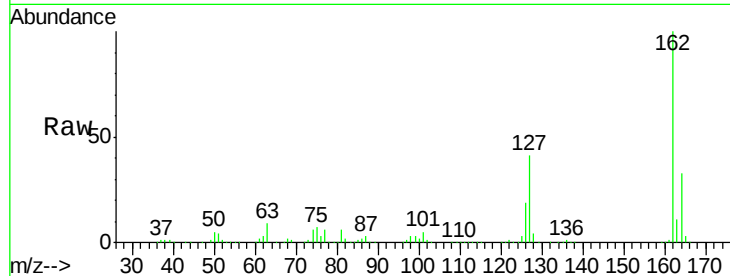
#47
2-Chloronaphthalene
Concen: 40.966 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

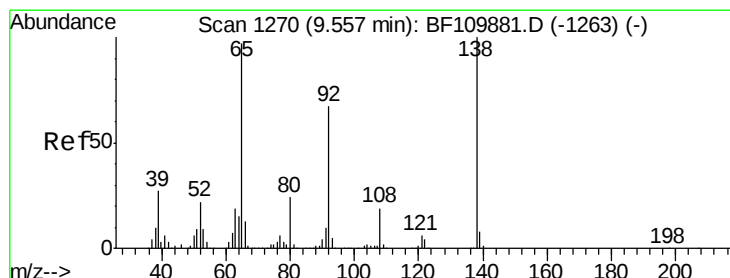
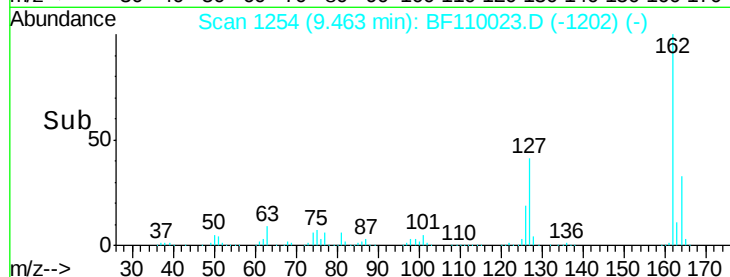
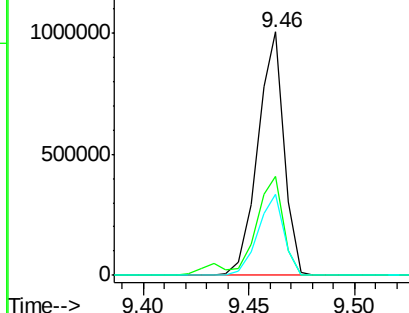
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.6	32.6	48.8
164	33.4	25.9	38.9

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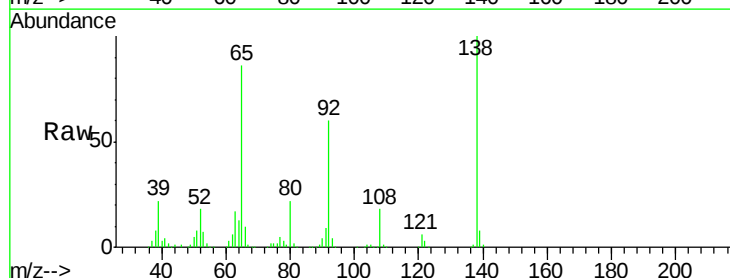


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

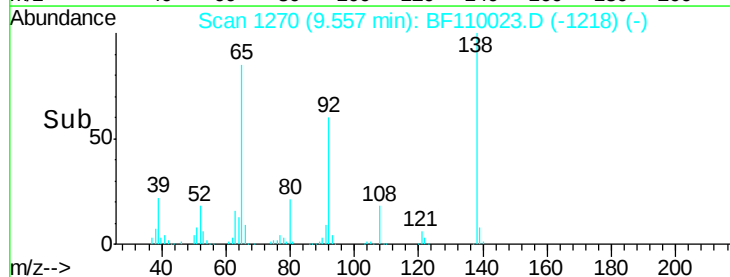
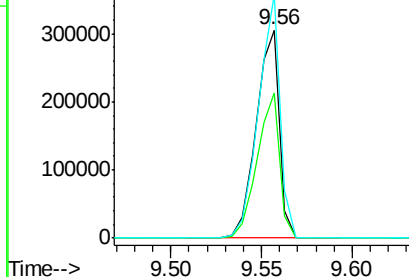


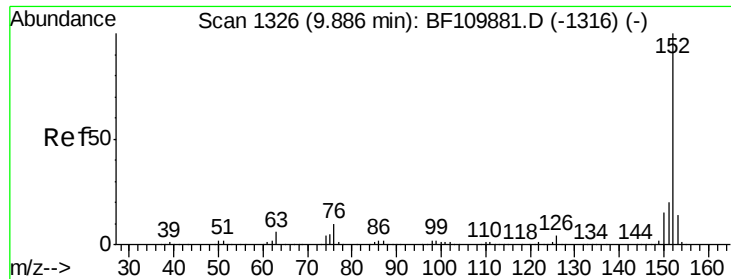
#48
2-Nitroaniline
Concen: 49.834 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	69.9	54.6	81.8
138	116.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.822 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1226205

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

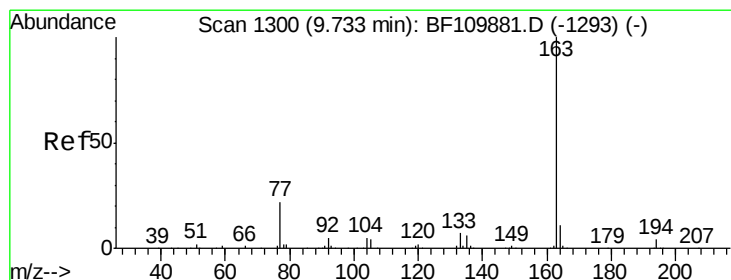
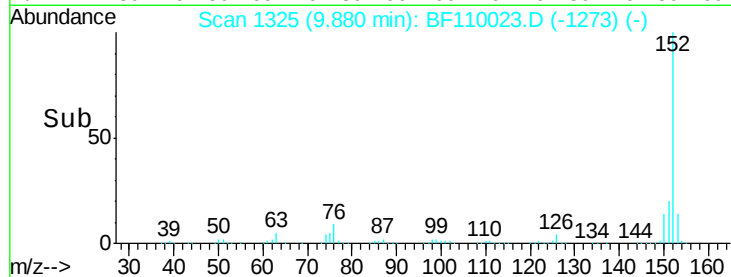
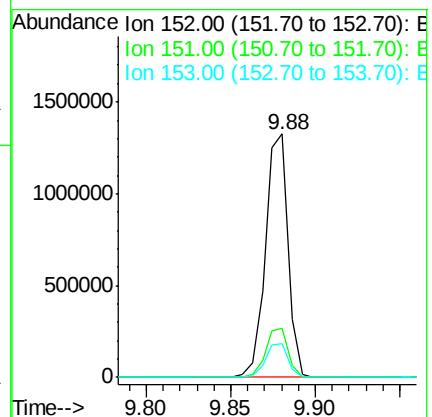
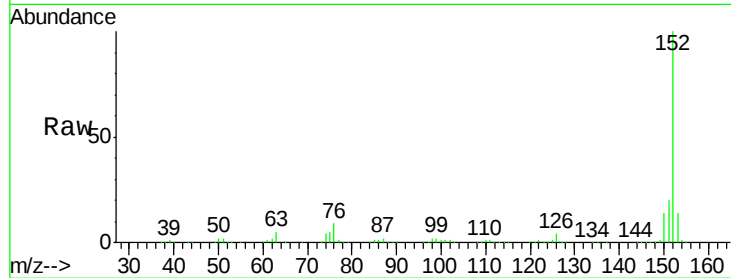
153 14.0 10.4 15.6

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#50

Dimethylphthalate

Concen: 41.970 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

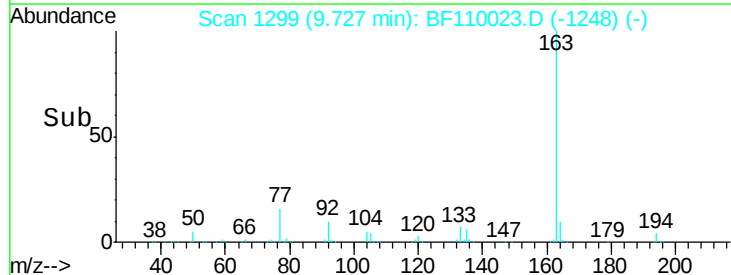
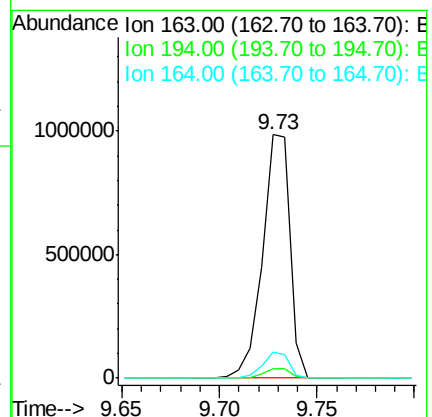
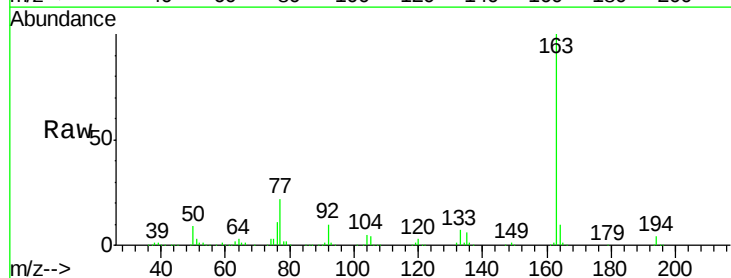
Tgt Ion:163 Resp: 959821

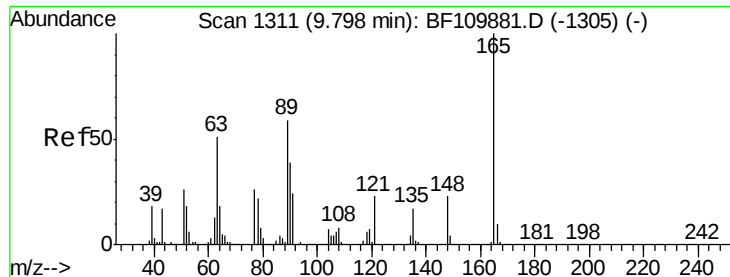
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.757 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 207438
Ion Ratio Lower Upper

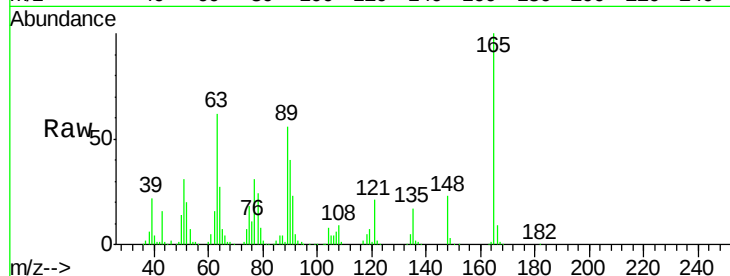
165 100

63 61.7 48.9 73.3

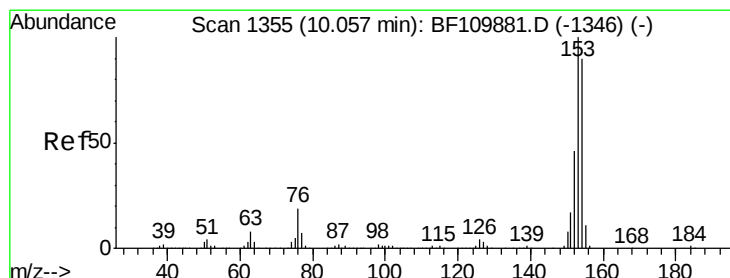
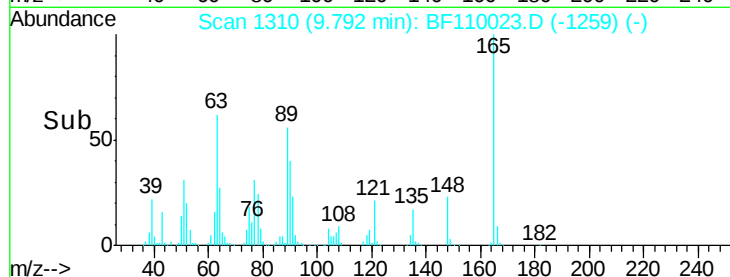
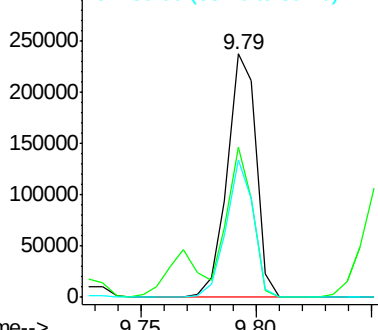
89 56.3 46.6 69.8

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.169 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF110023.D

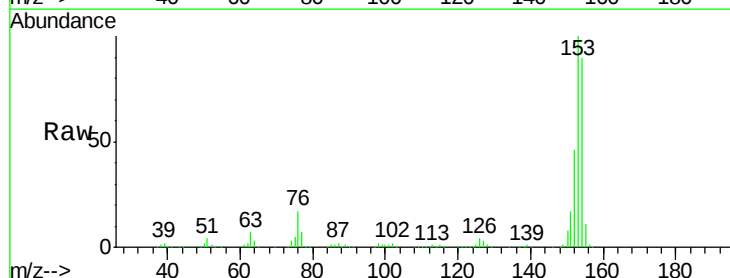
Acq: 20 Oct 2018 1:26

Tgt Ion:154 Resp: 767857
Ion Ratio Lower Upper

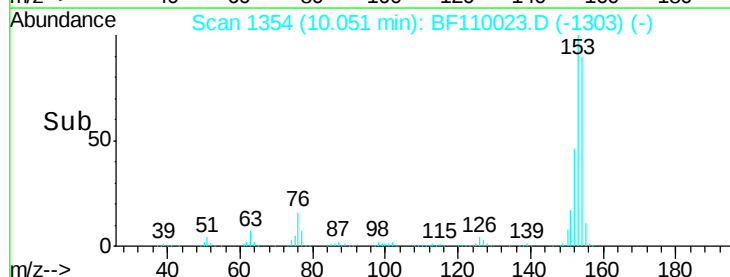
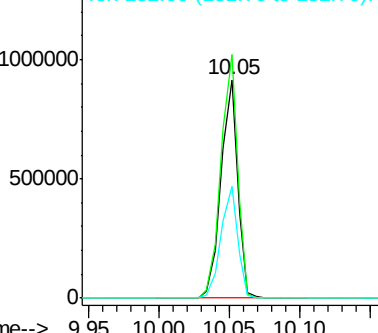
154 100

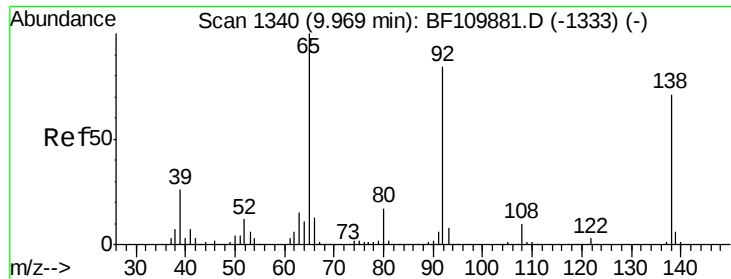
153 111.6 90.1 135.1

152 51.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





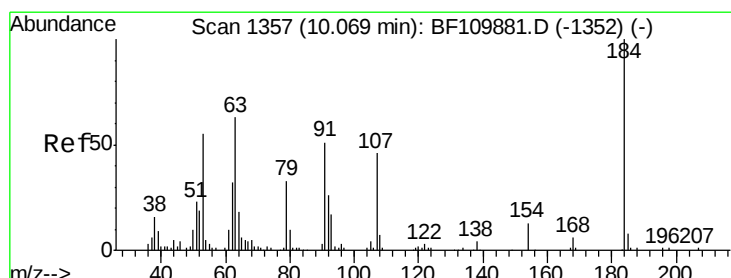
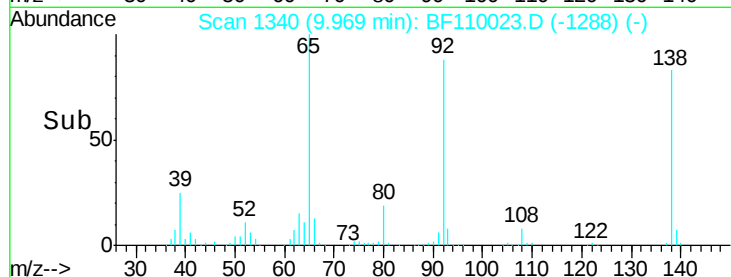
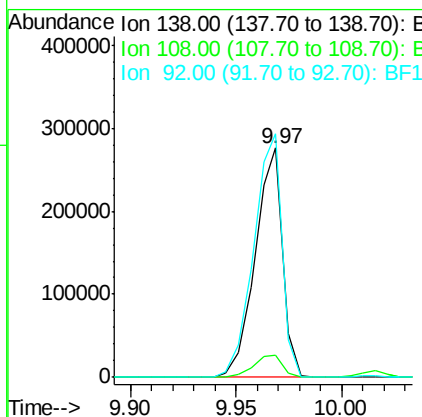
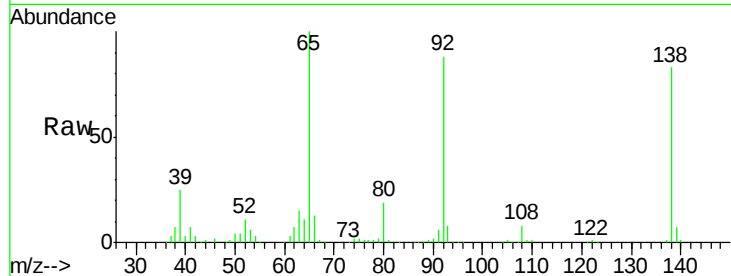
#53
3-Nitroaniline
Concen: 47.114 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	248939		
108	9.8	8.7	13.1	
92	106.1	97.0	145.4	

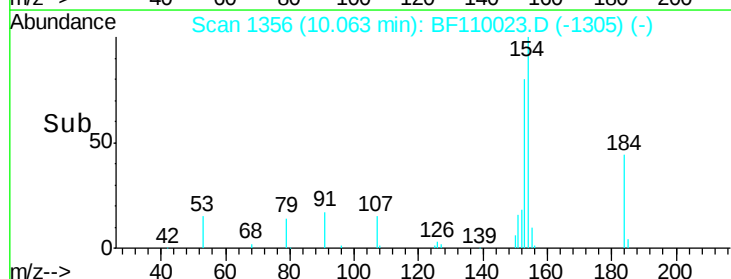
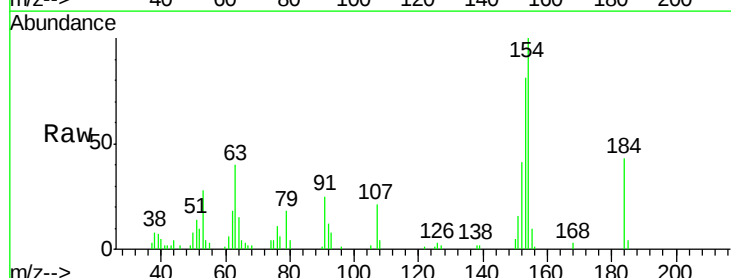
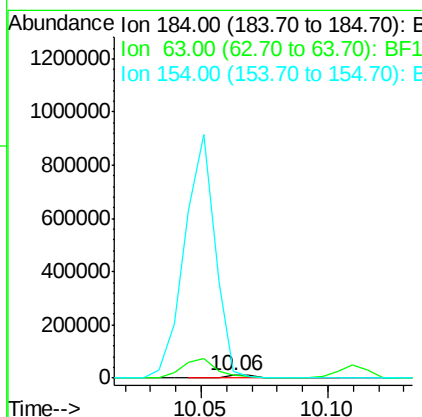
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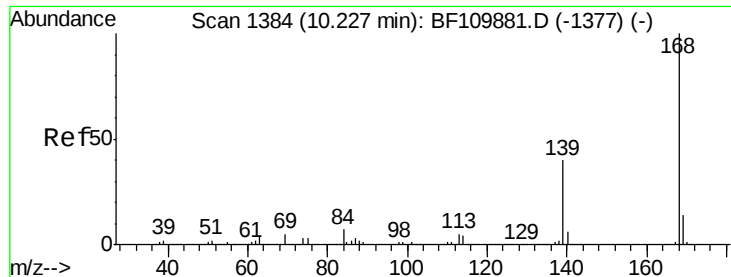
Sohil
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#54
2,4-Dinitrophenol
Concen: 14.806 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	9182		
63	93.1	55.8	83.6#	
154	232.6	63.2	94.8#	





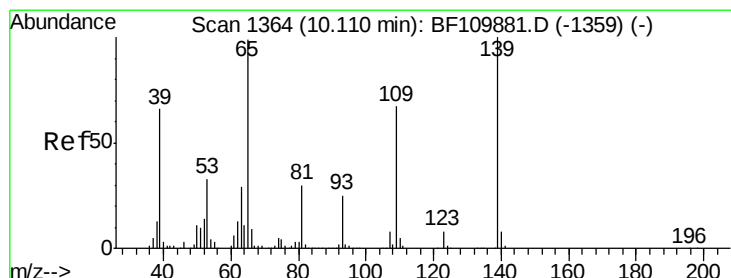
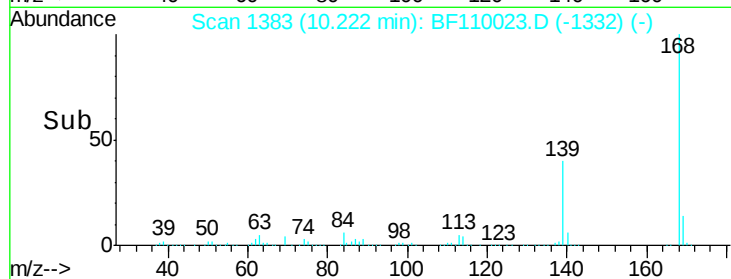
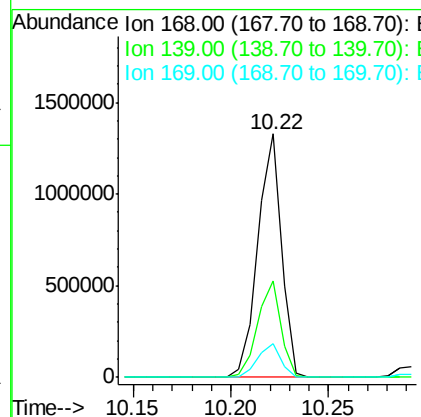
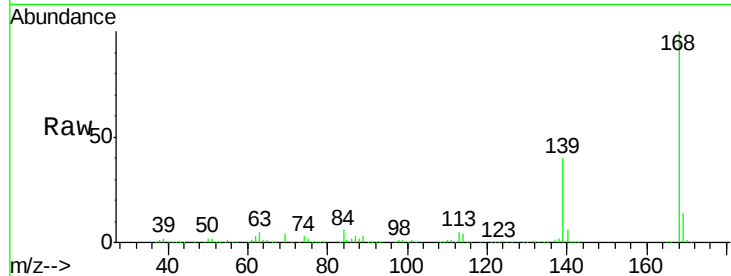
#55
Dibenzenofuran
Concen: 39.821 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1113303
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.7 11.3 16.9

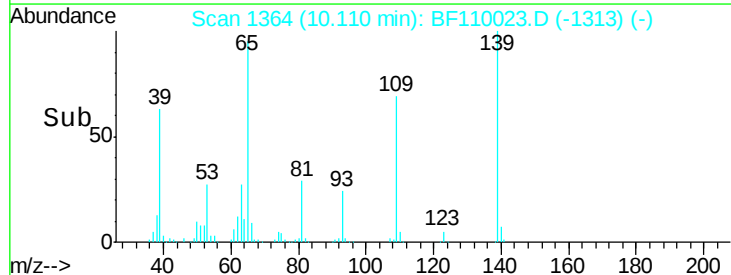
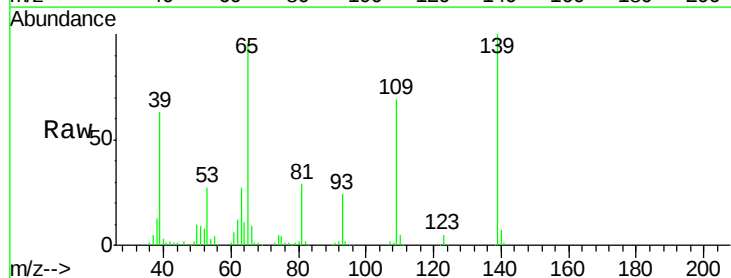
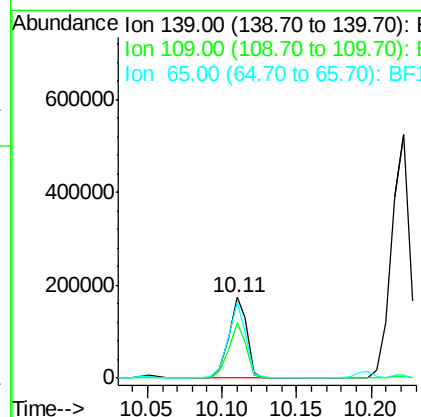
Manual Integrations
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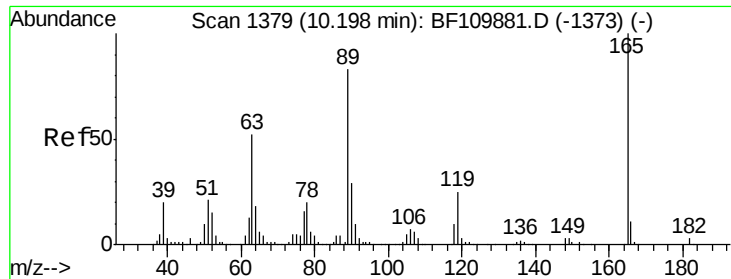
Sohil
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#56
4-Nitrophenol
Concen: 37.347 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:139 Resp: 150572
Ion Ratio Lower Upper
139 100
109 68.6 55.8 95.8
65 95.0 77.9 117.9





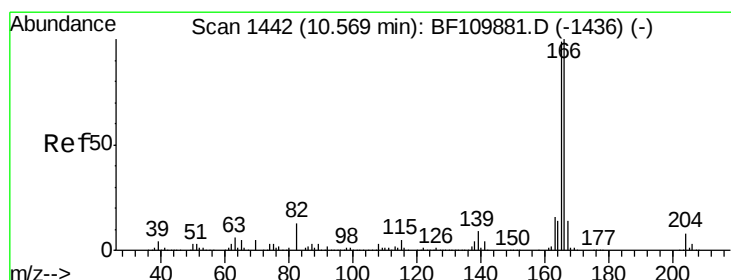
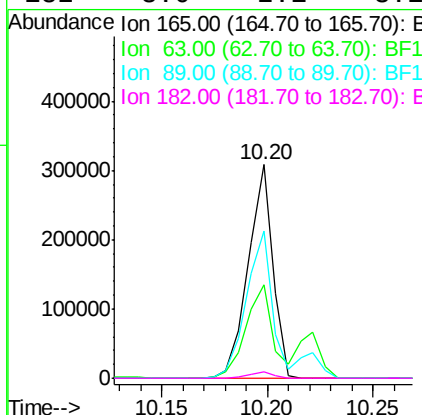
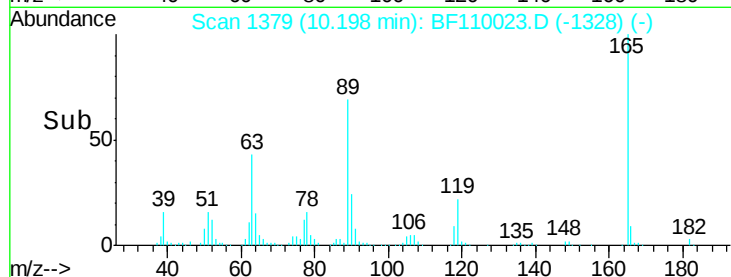
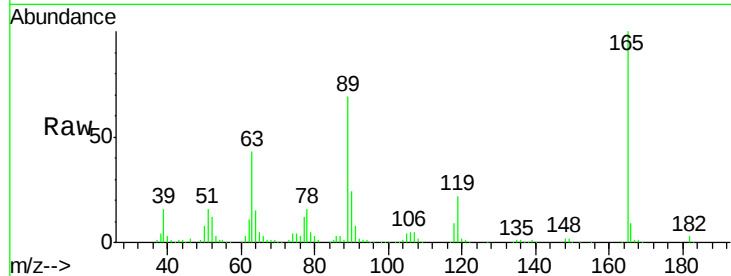
#57
2,4-Dinitrotoluene
Concen: 46.128 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	252018		
63	43.5	44.8	67.2#	
89	69.2	62.2	93.4	
182	3.0	2.1	3.1	

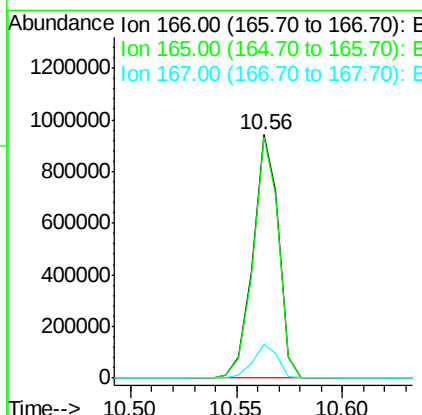
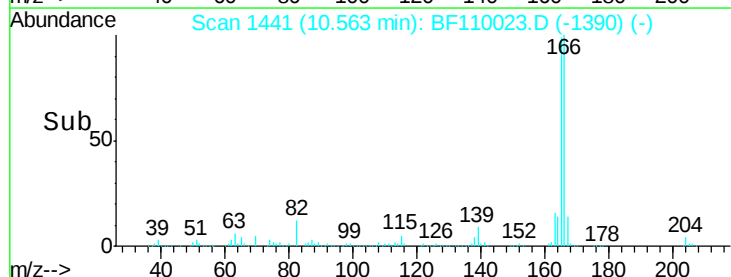
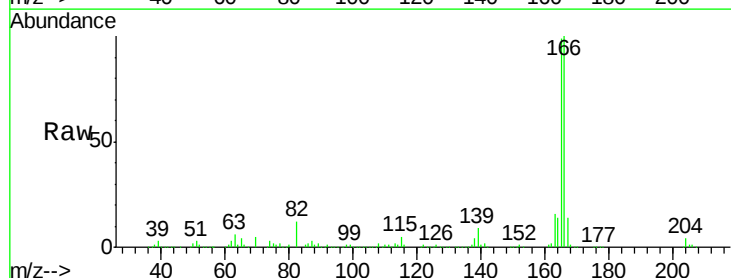
Manual Integrations
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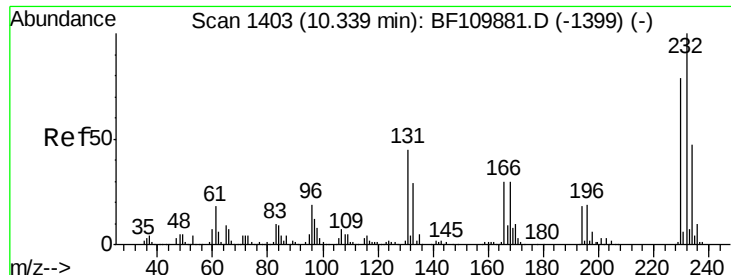
Sohil
10/22/2018 2:55:51 PM



#58
Fluorene
Concen: 38.902 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	791722		
165	99.0	78.6	117.8	
167	13.8	10.8	16.2	





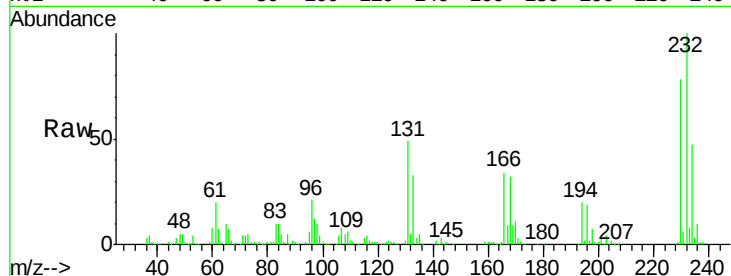
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.856 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

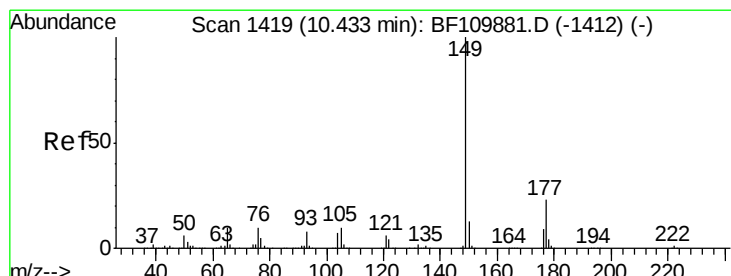
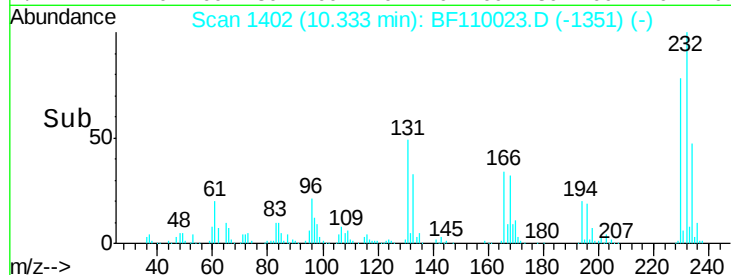
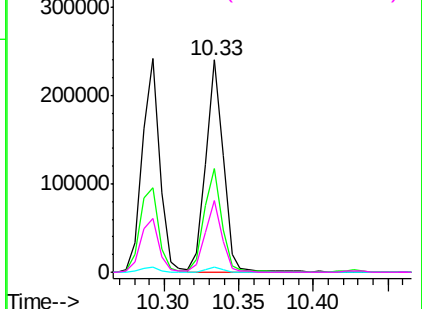
Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	49.2	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0

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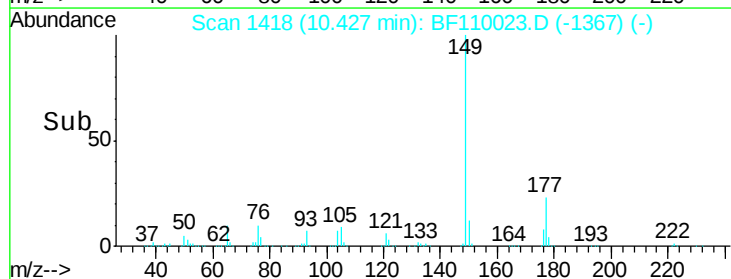
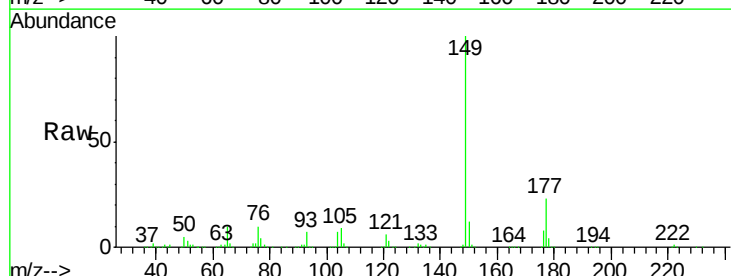
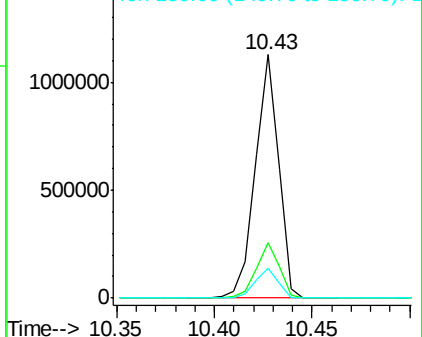
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

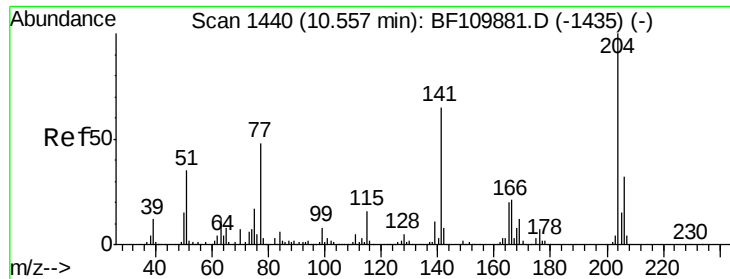


#60
Diethylphthalate
Concen: 41.281 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.6	17.4	26.2
150	12.1	9.8	14.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





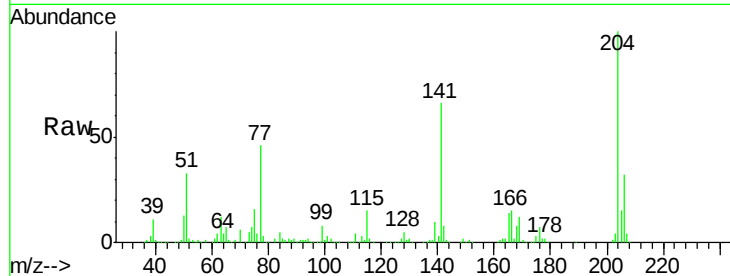
#61
4-Chlorophenyl-phenylether
Concen: 41.009 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

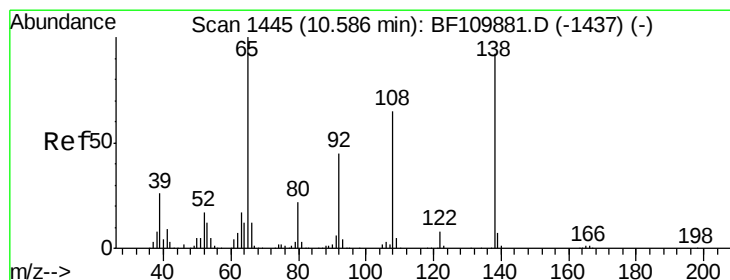
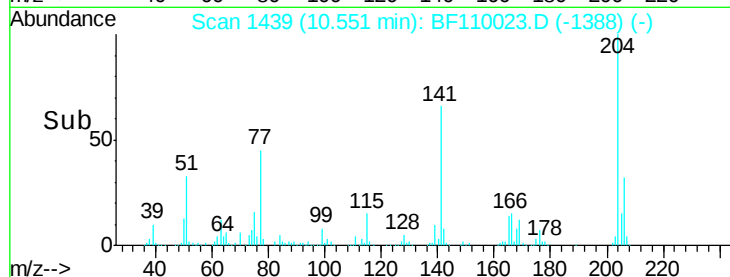
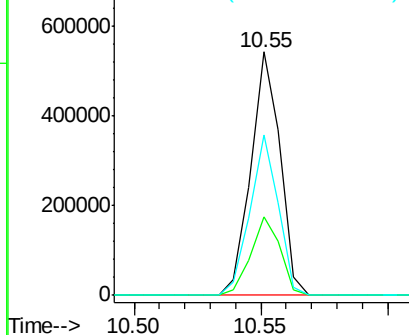
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	66.0	51.8	77.8

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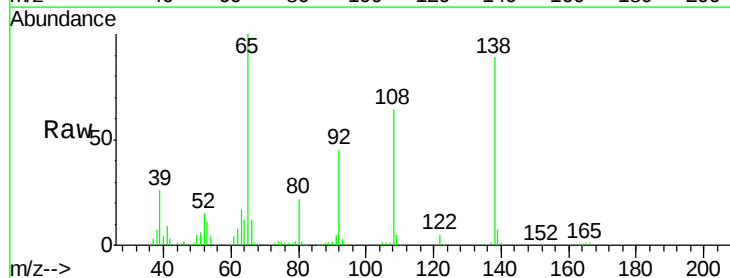


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

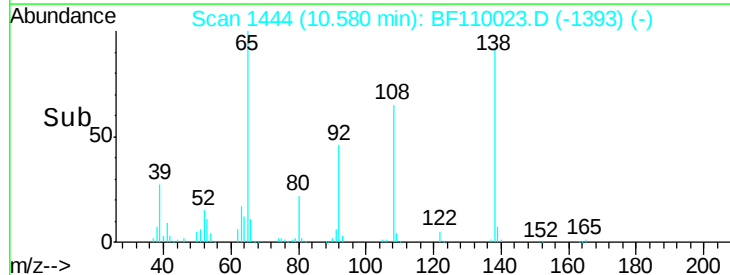
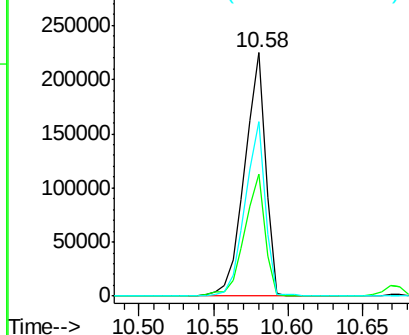


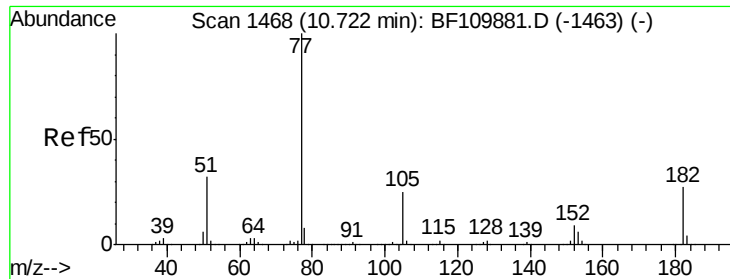
#62
4-Nitroaniline
Concen: 44.049 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.7	71.7
108	71.7	59.3	99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





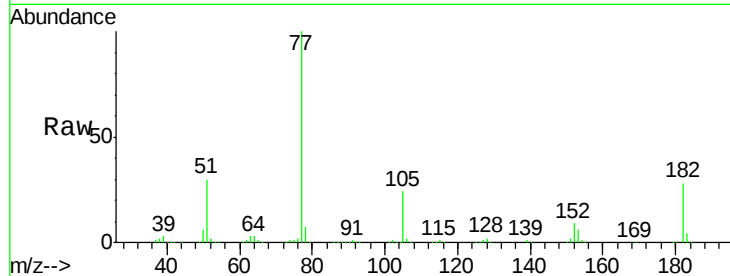
#63
Azobenzene
Concen: 37.265 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

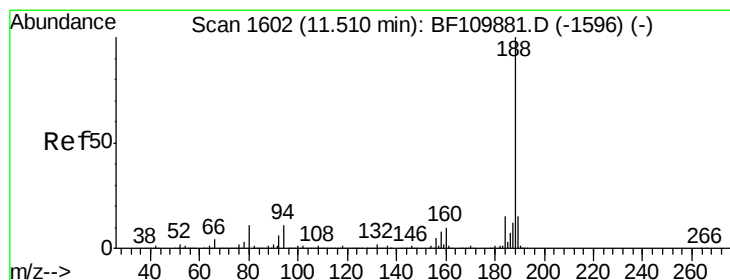
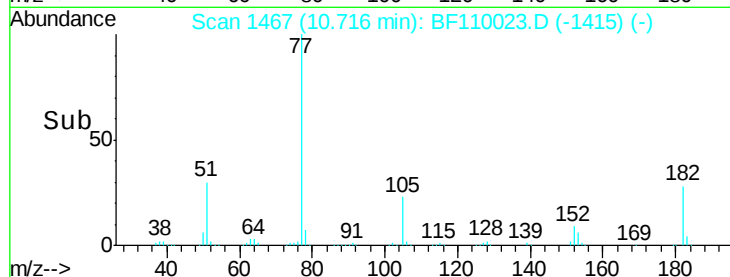
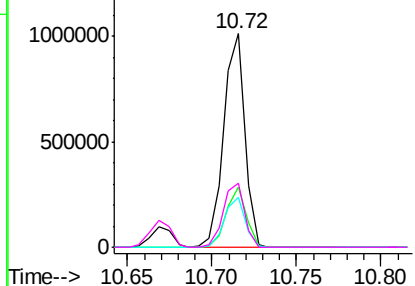
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	879337		
182	28.2	4.3	44.3	
105	23.6	1.3	41.3	
51	29.9	9.0	49.0	

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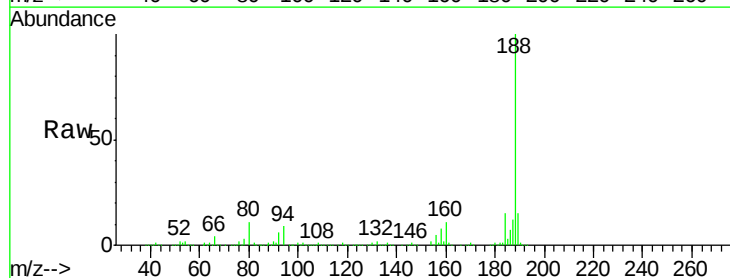


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

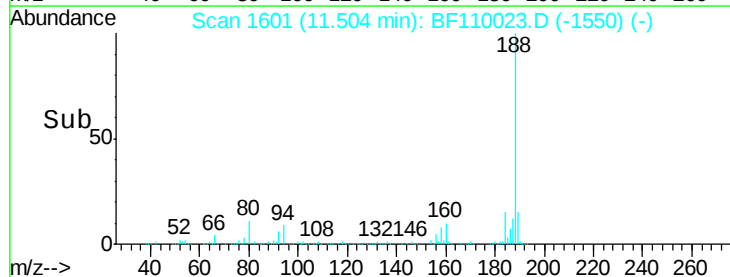
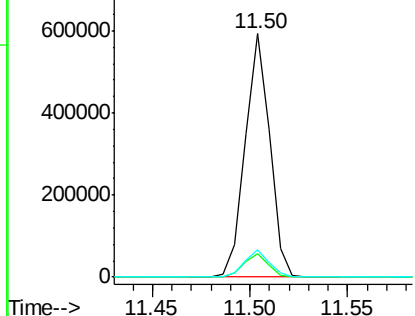


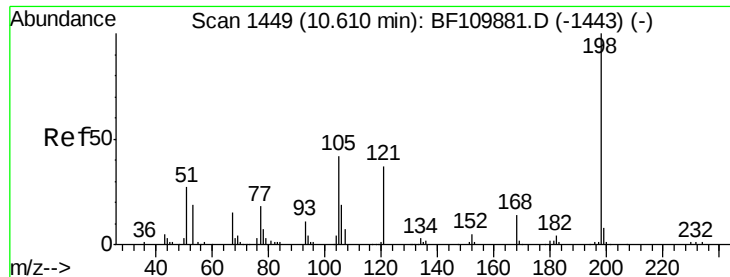
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	518068		
94	9.4	7.2	10.8	
80	11.2	7.9	11.9	



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 18.016 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

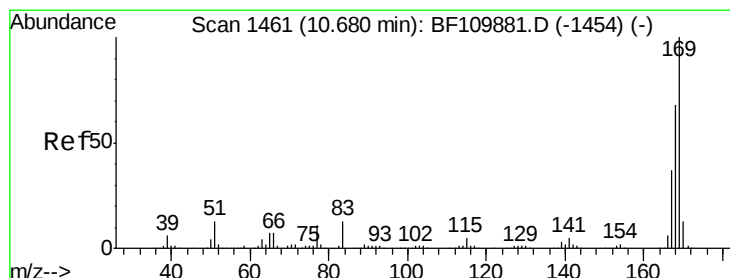
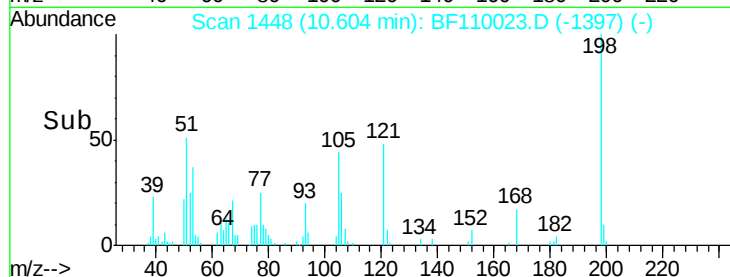
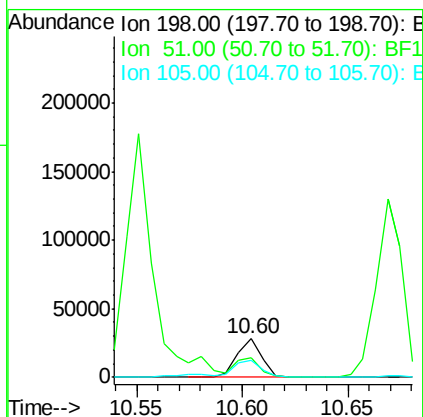
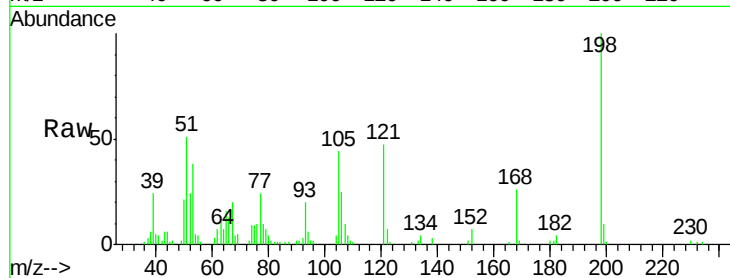
ClientSampleId :

SSTDCCC040

Tgt Ion:	198	Resp:	22720
Ion Ratio	Lower	Upper	
198	100		
51	50.9	22.8	62.8
105	44.4	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 44.931 ng

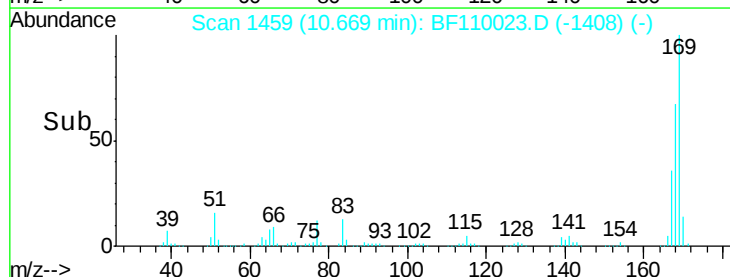
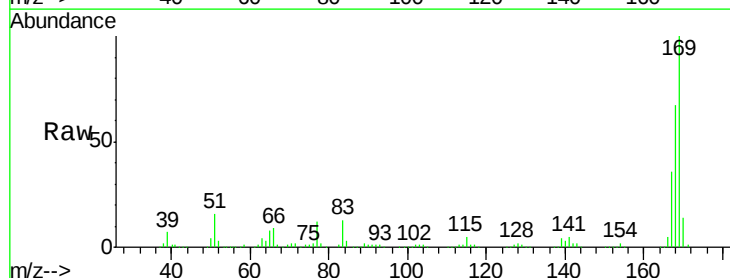
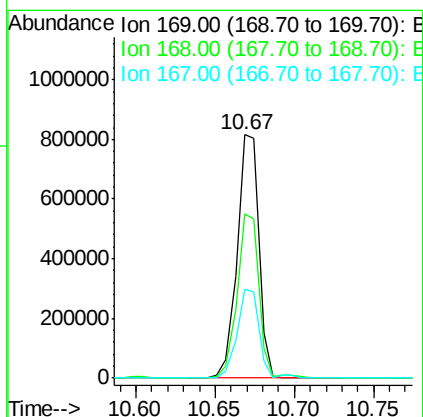
RT: 10.67 min Scan# 1459

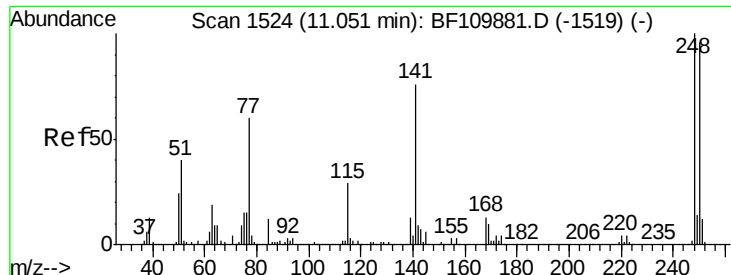
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	169	Resp:	775273
Ion Ratio	Lower	Upper	
169	100		
168	67.3	51.2	76.8
167	36.4	27.8	41.6





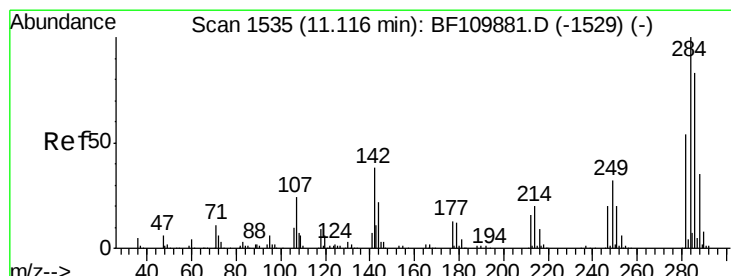
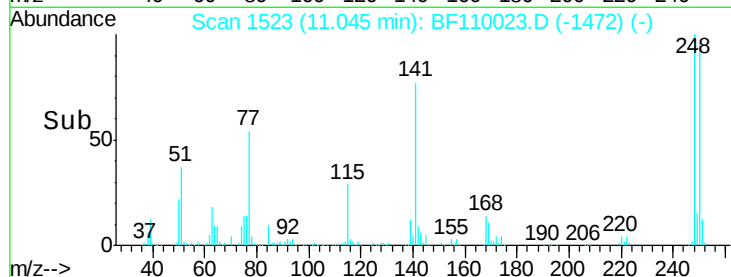
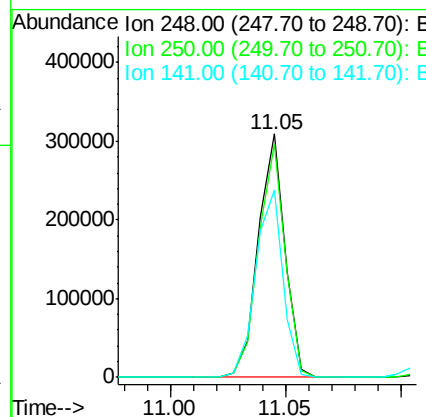
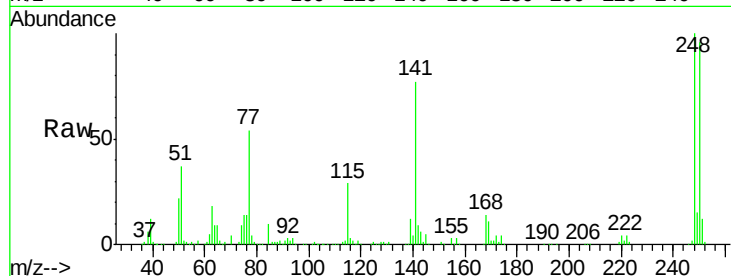
#67
 4-Bromophenyl-phenylether
 Concen: 44.508 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.4	119.2
141	77.0	55.9	83.9

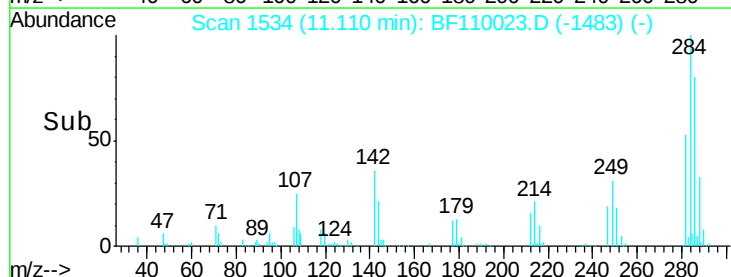
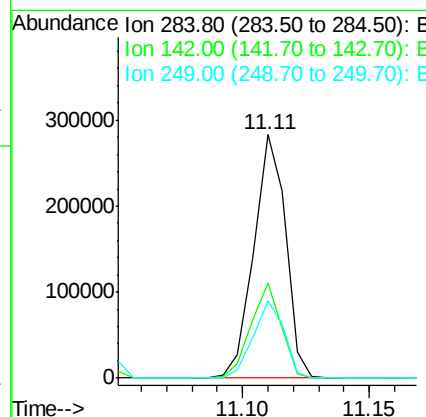
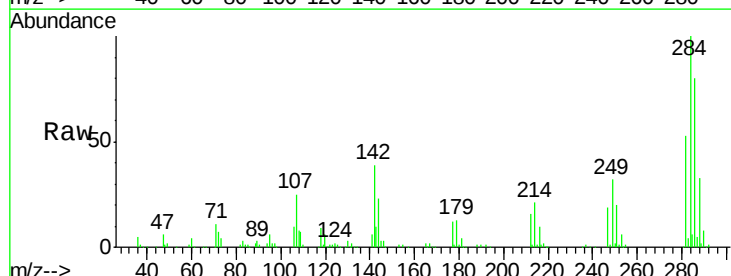
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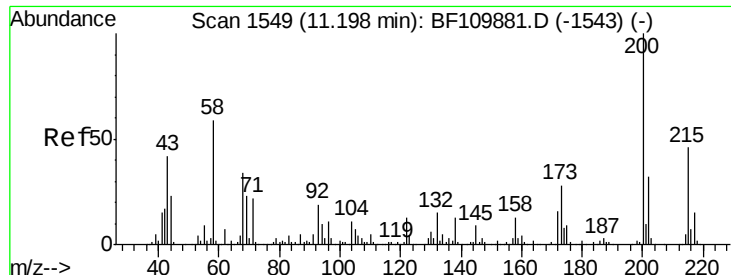
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#68
 Hexachlorobenzene
 Concen: 41.447 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.0	23.9	35.9#
249	32.0	24.2	36.2





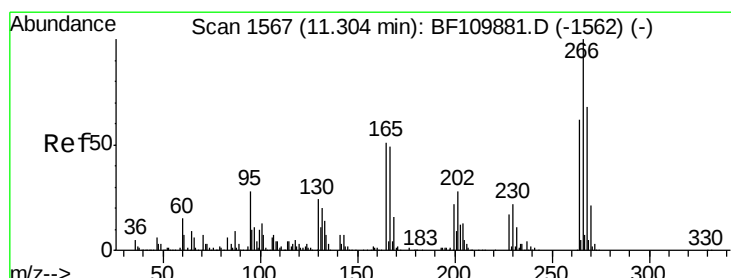
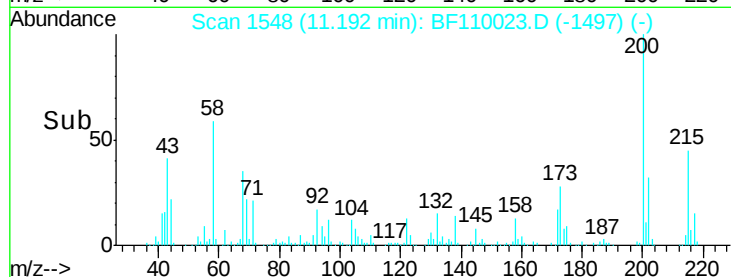
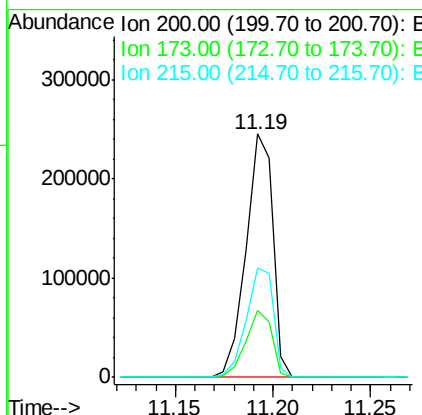
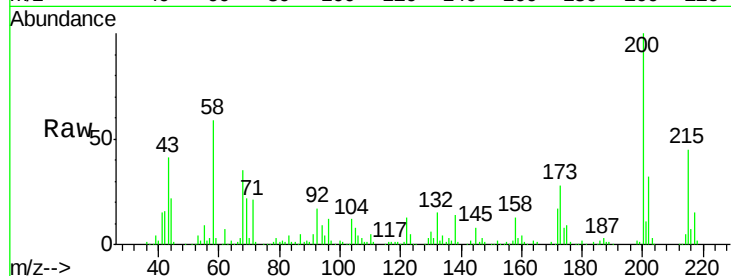
#69
Atrazine
Concen: 43.337 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	6.6	46.6
215	44.9	26.3	66.3

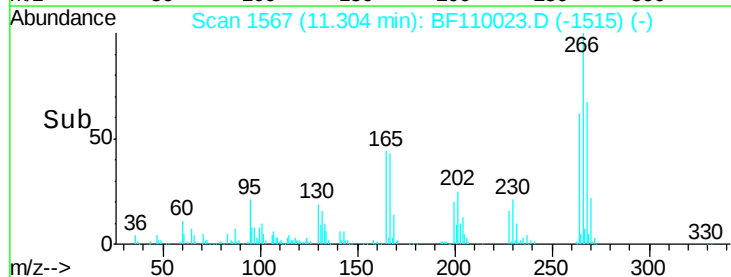
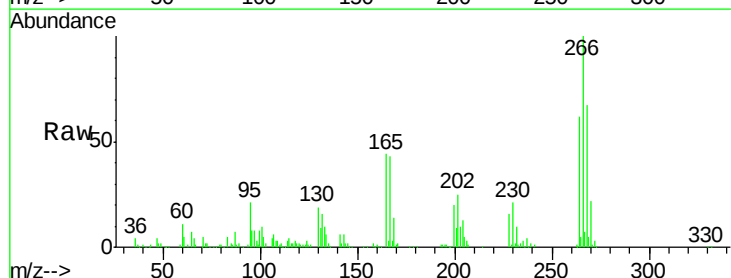
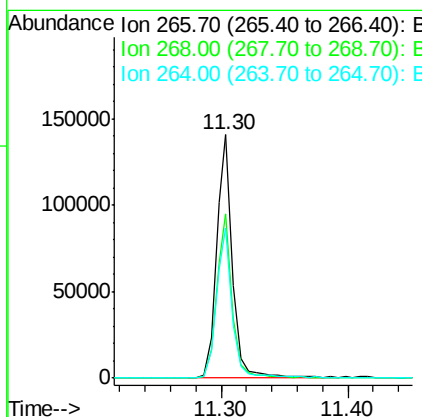
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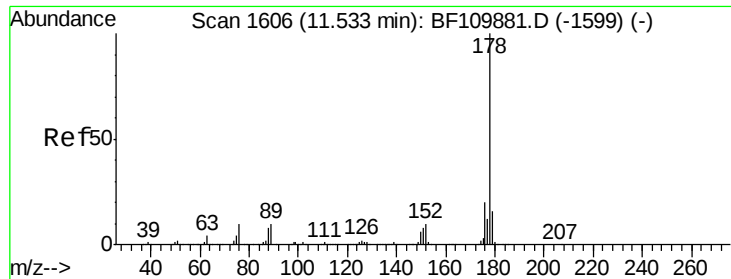
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#70
Pentachlorophenol
Concen: 36.596 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.3	50.6	75.8
264	61.5	50.6	75.8





#71

Phenanthrene

Concen: 39.738 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1065794

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

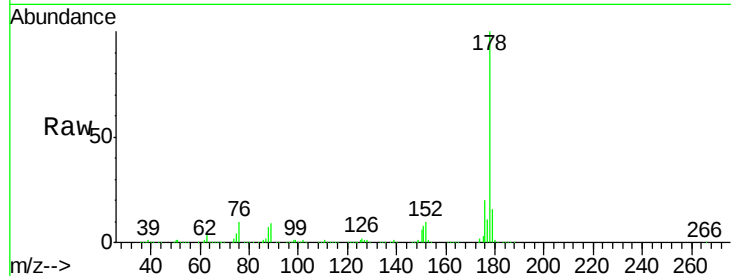
179 15.5 12.5 18.7

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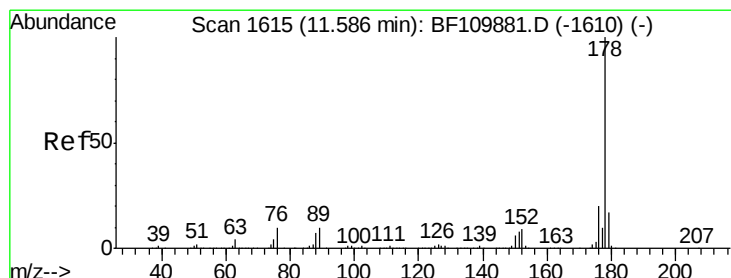
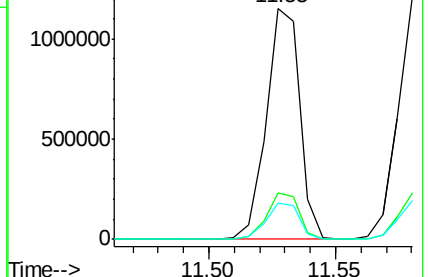
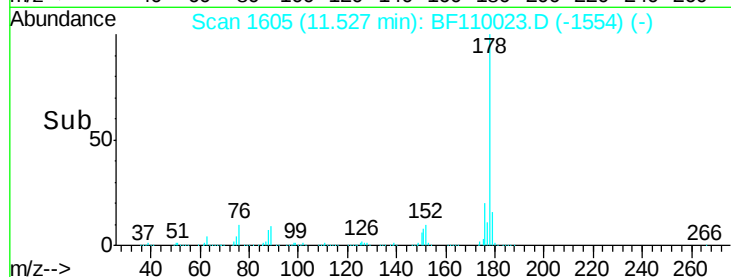
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.798 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

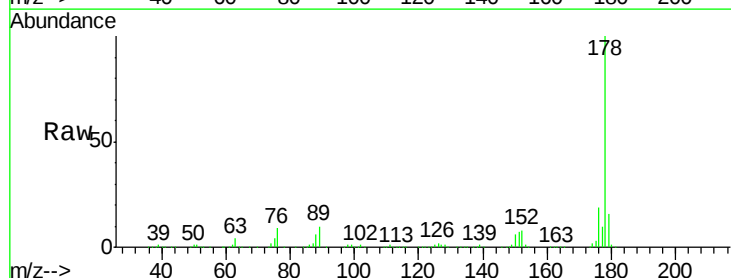
Tgt Ion:178 Resp: 1073142

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

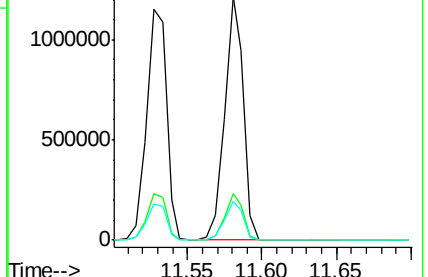
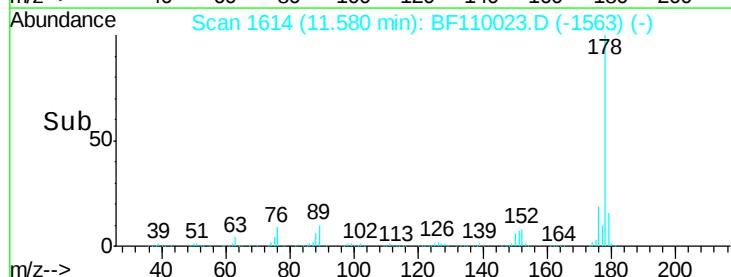
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.697 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

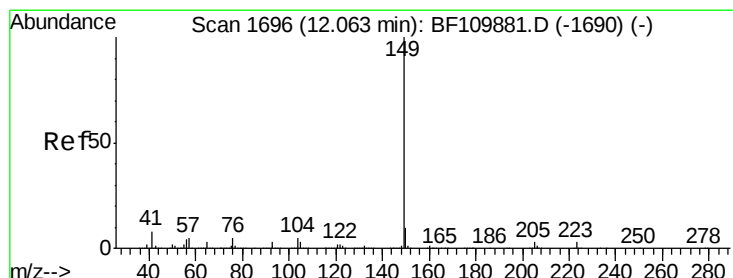
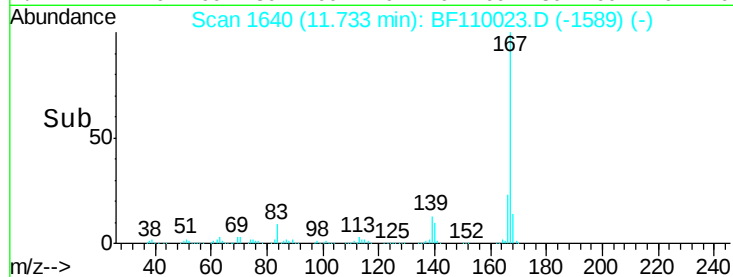
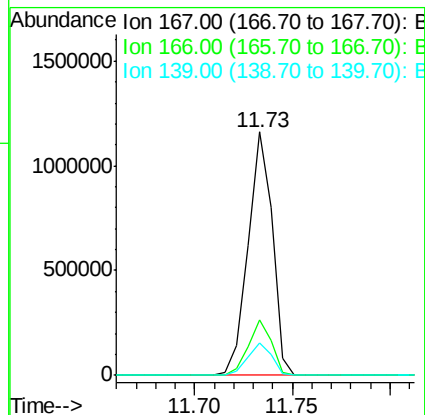
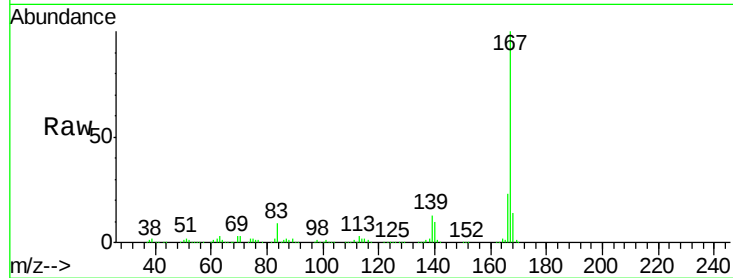
ClientSampleId :

SSTDCCC040

Tgt Ion:	167	Resp:	998981
Ion Ratio		Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.1	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 43.793 ng

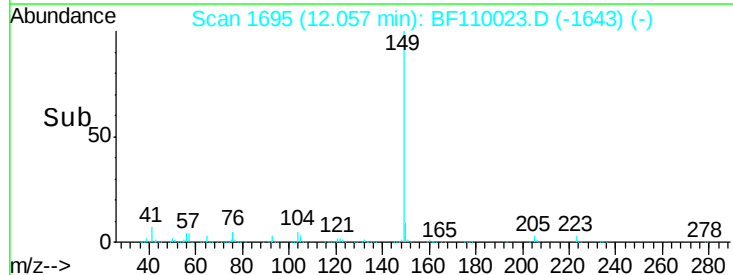
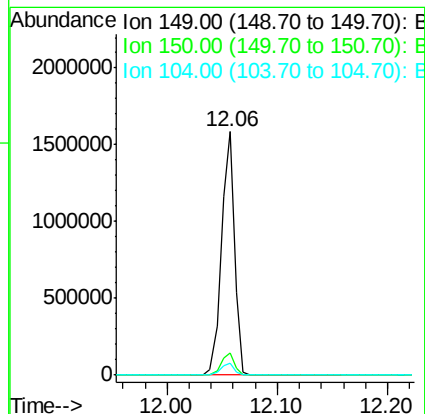
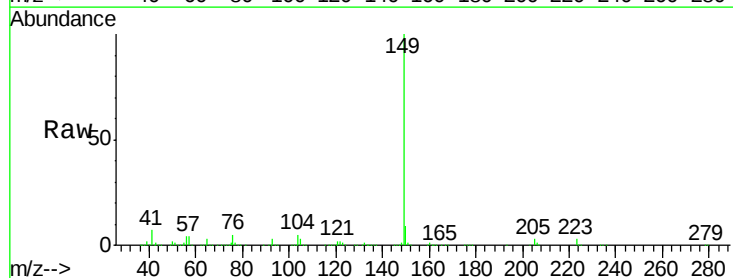
RT: 12.06 min Scan# 1695

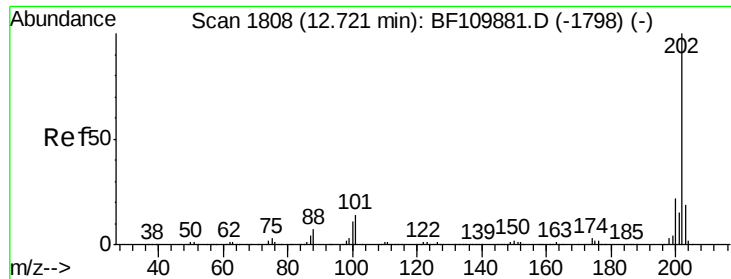
Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	149	Resp:	1295169
Ion Ratio		Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 36.217 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

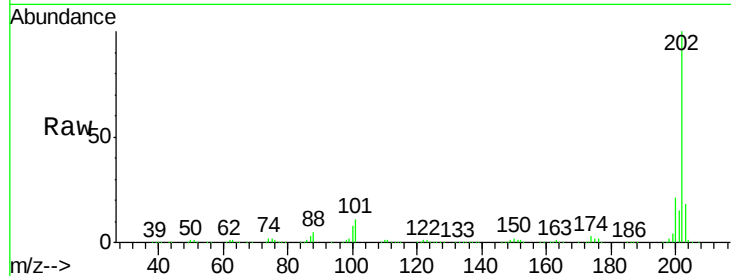
ClientSampleId :

SSTDCCC040

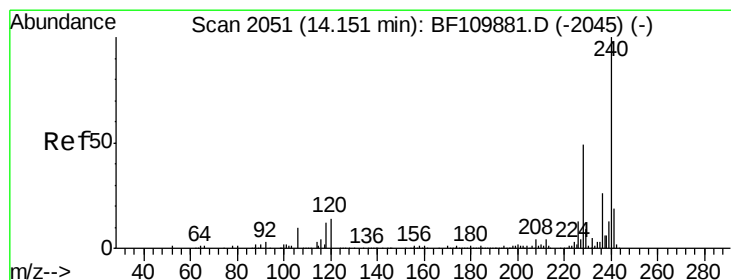
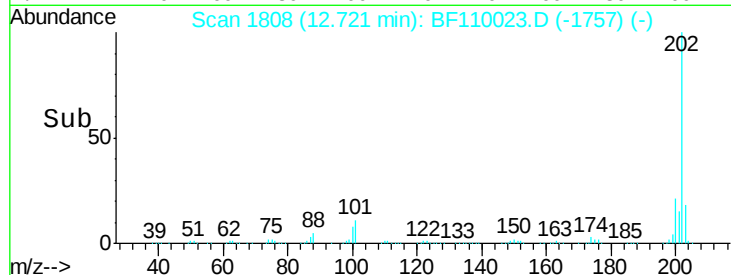
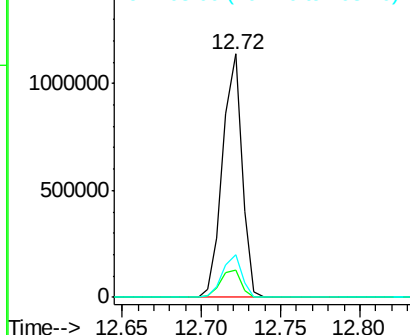
Tgt Ion:	202	Resp:	970386
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.4
203	17.5	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

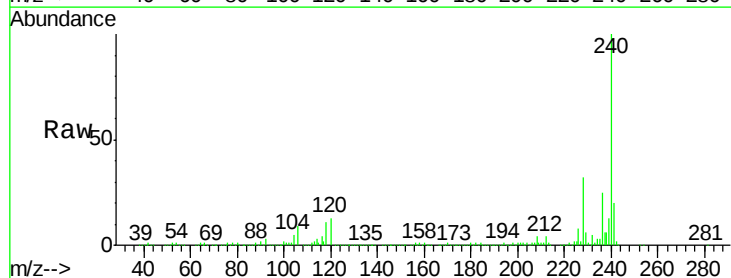
RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

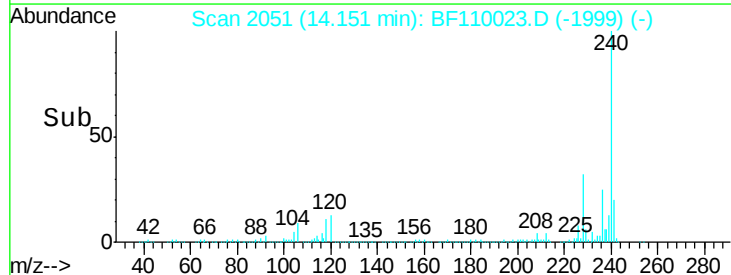
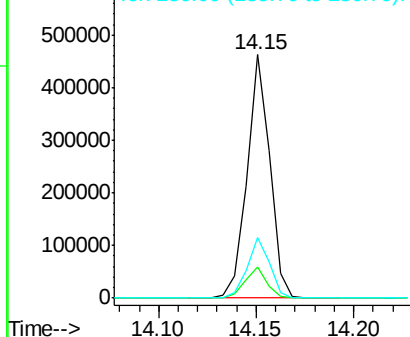
Lab File: BF110023.D

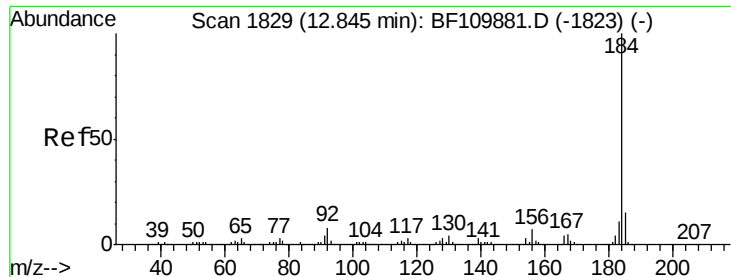
Acq: 20 Oct 2018 1:26

Tgt Ion:	240	Resp:	372728
Ion Ratio	Lower	Upper	
240	100		
120	12.6	8.3	12.5#
236	25.1	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.392 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

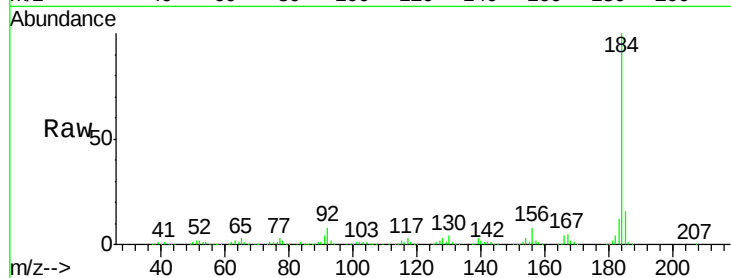
ClientSampleId :

SSTDCCC040

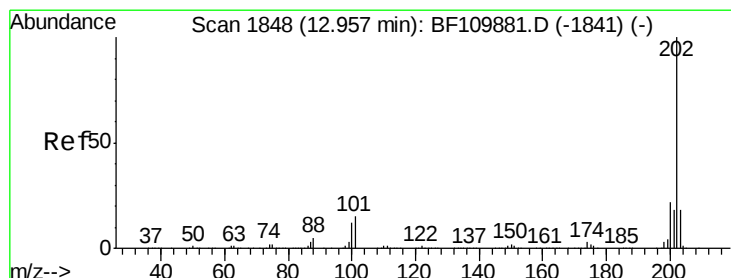
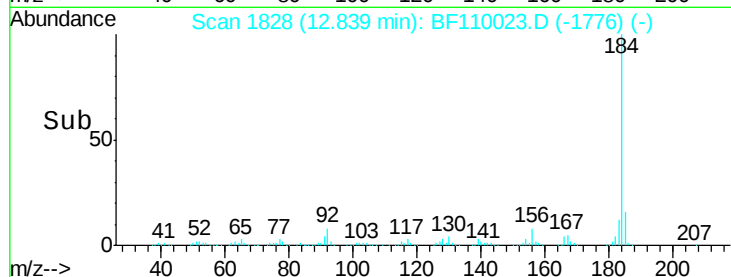
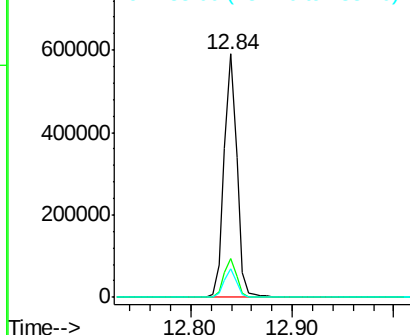
Tgt Ion:	184	Resp:	520069
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.4	20.2
183	11.8	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.892 ng

RT: 12.95 min Scan# 1847

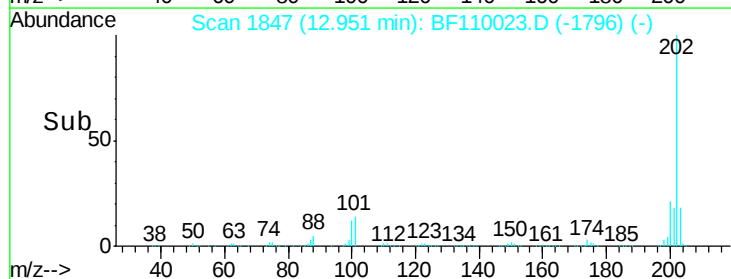
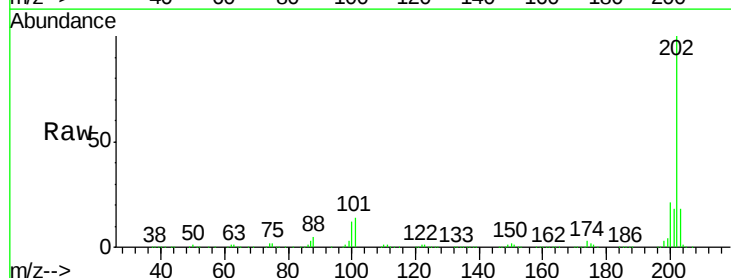
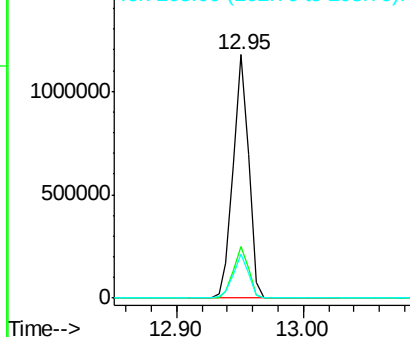
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	202	Resp:	982557
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	18.0	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





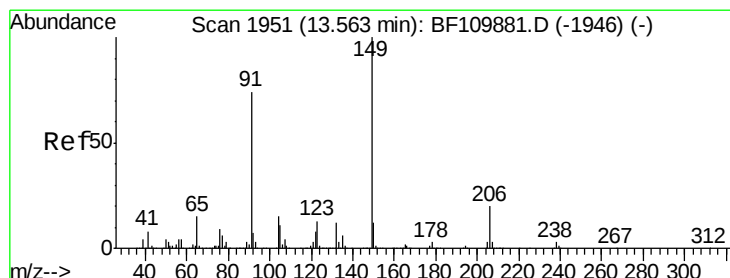
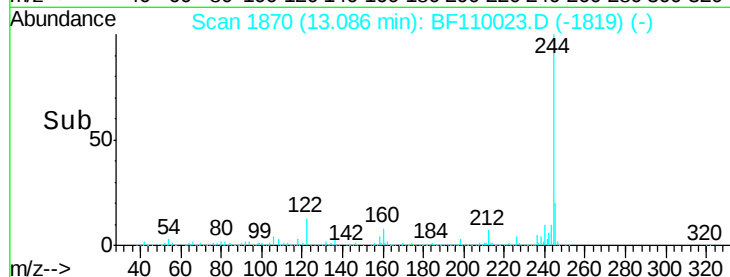
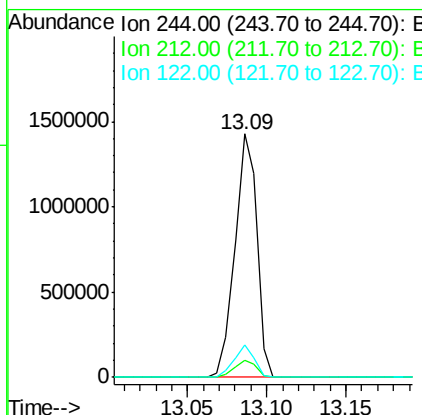
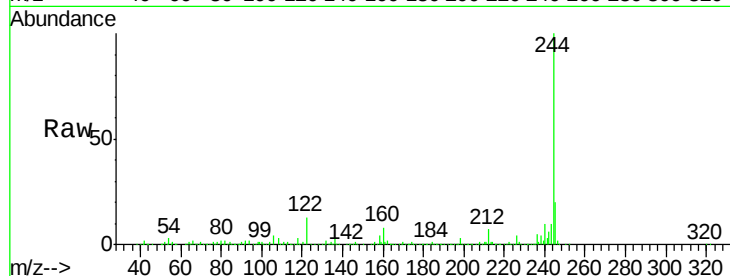
#79
 Terphenyl-d14
 Concen: 76.795 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1363074
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.2 8.7 13.1#

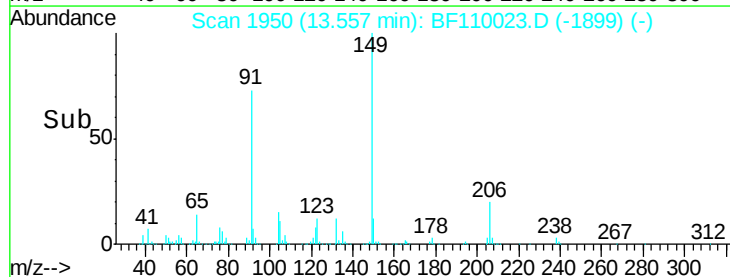
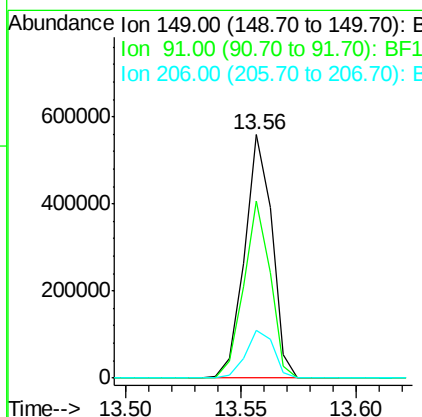
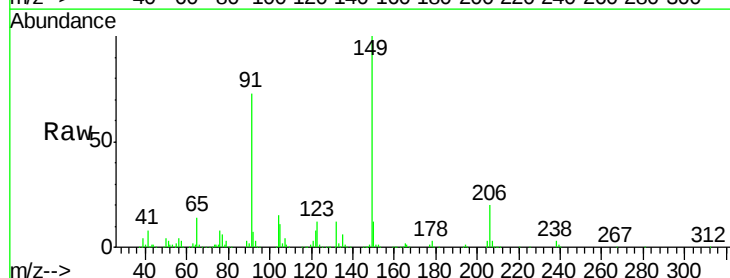
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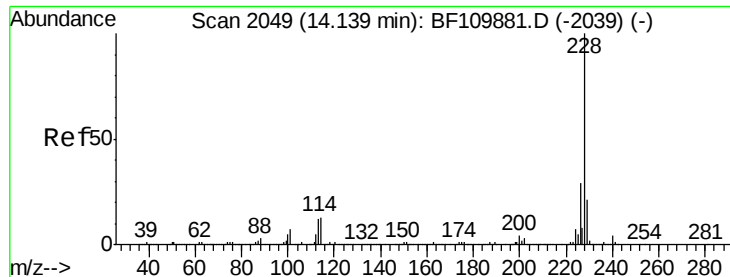
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#80
 Butylbenzylphthalate
 Concen: 41.923 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion:149 Resp: 463990
 Ion Ratio Lower Upper
 149 100
 91 72.8 57.2 85.8
 206 19.7 15.7 23.5





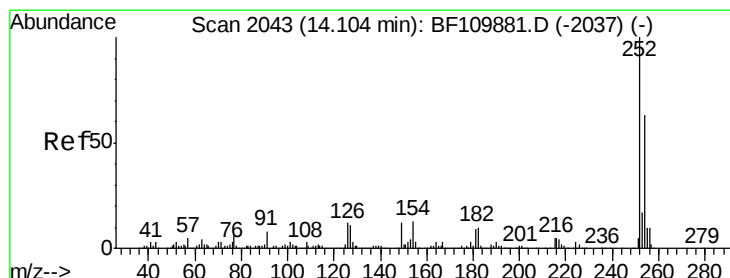
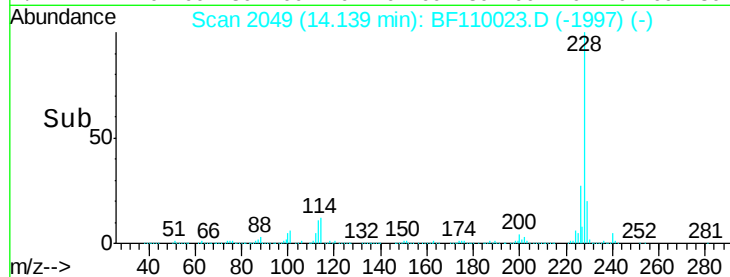
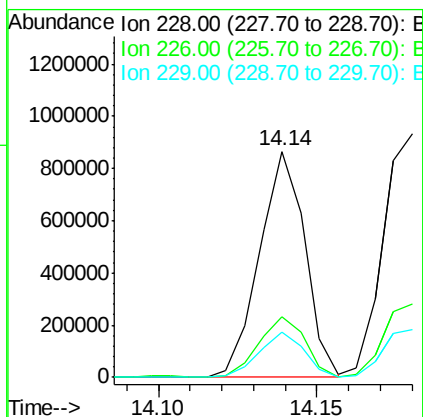
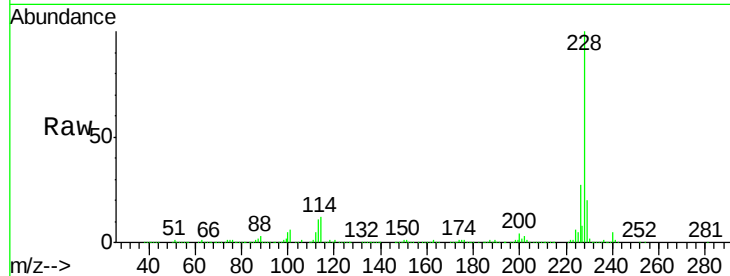
#81
Benzo(a)anthracene
Concen: 39.312 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.8	15.6	23.4

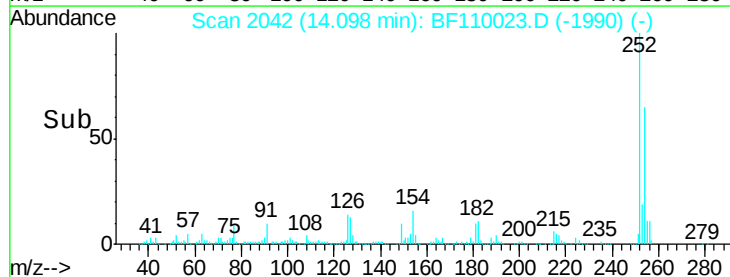
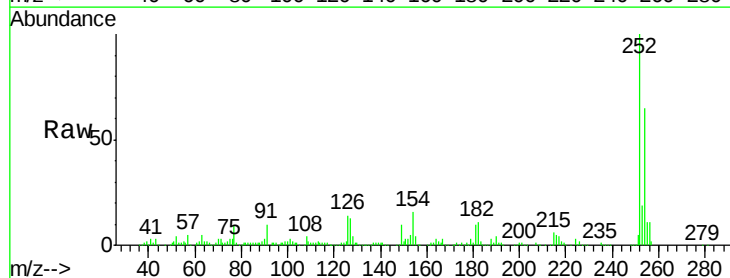
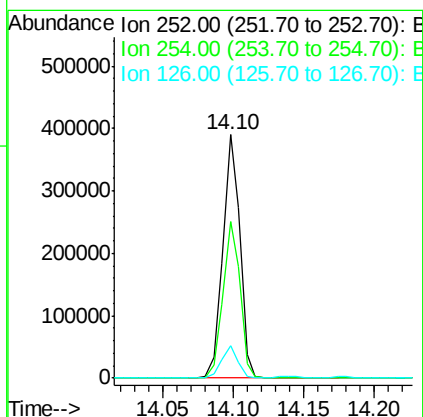
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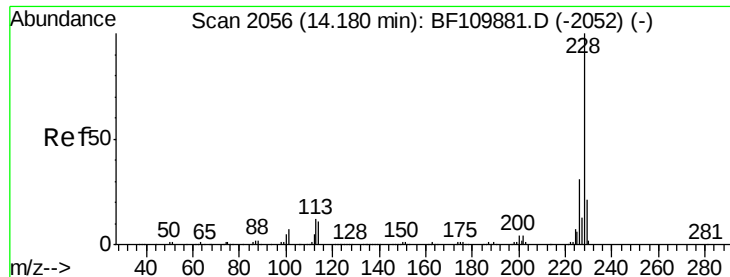
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#82
3,3'-Dichlorobenzidine
Concen: 42.601 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	13.6	9.4	14.2





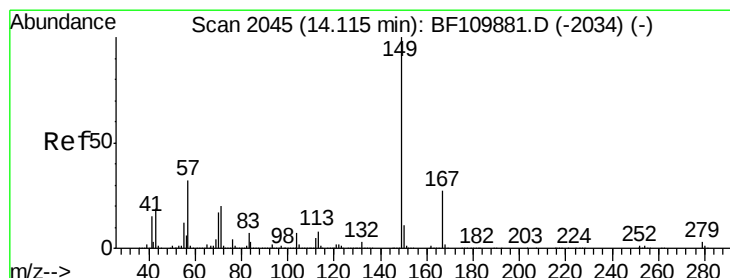
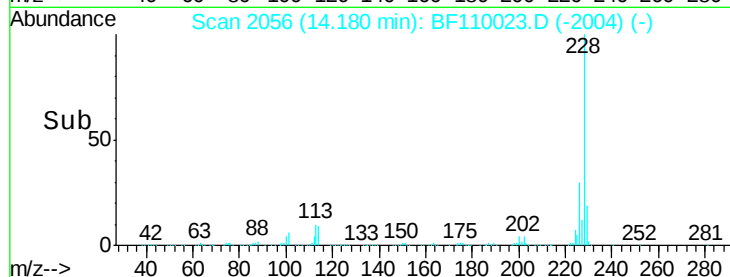
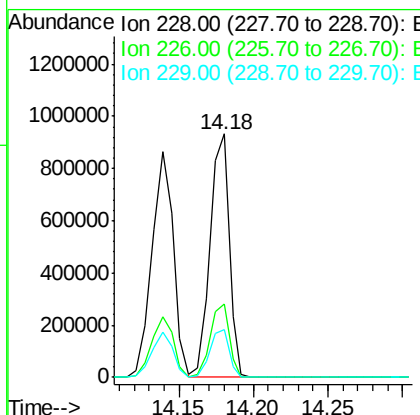
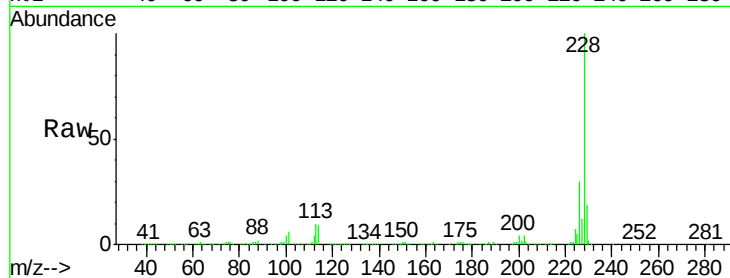
#83
Chrysene
Concen: 39.658 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.4	15.9	23.9

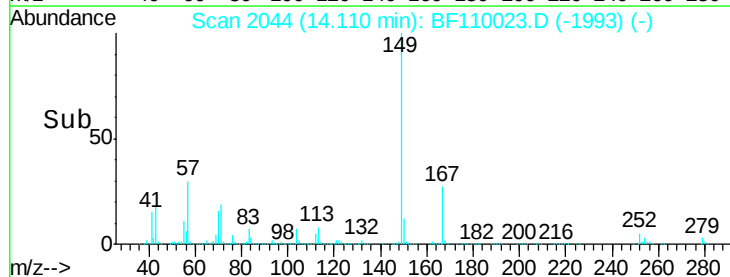
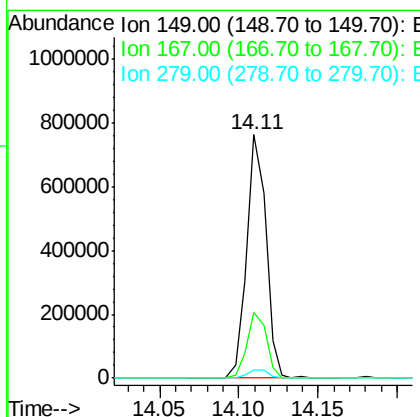
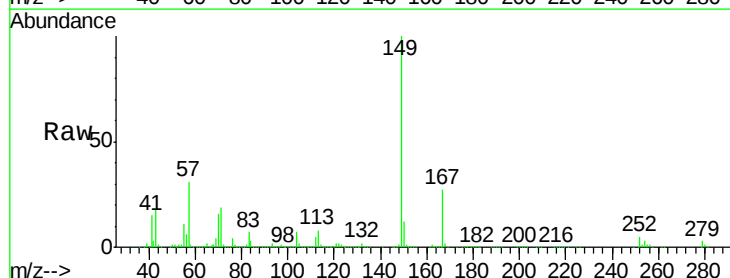
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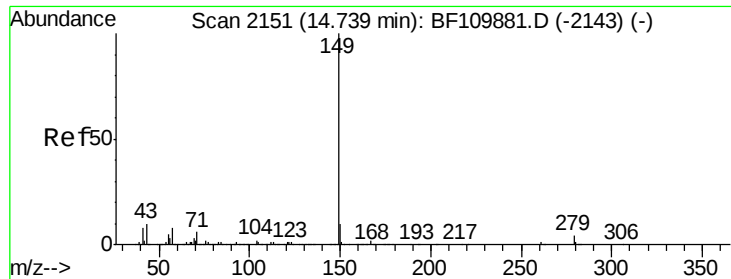
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.320 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.2	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 51.806 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1063682

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

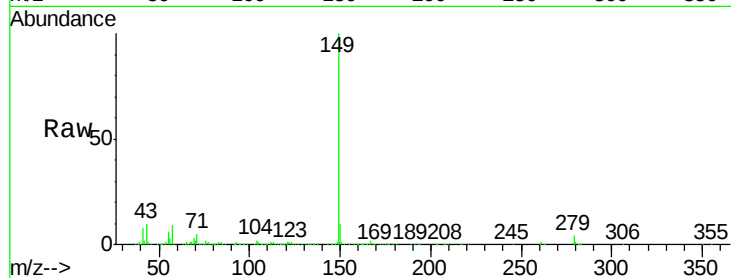
43 10.5 7.8 11.8

Manual Integrations

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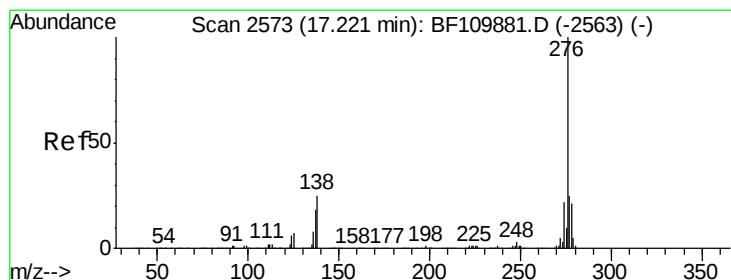
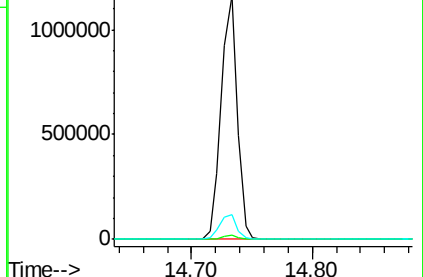
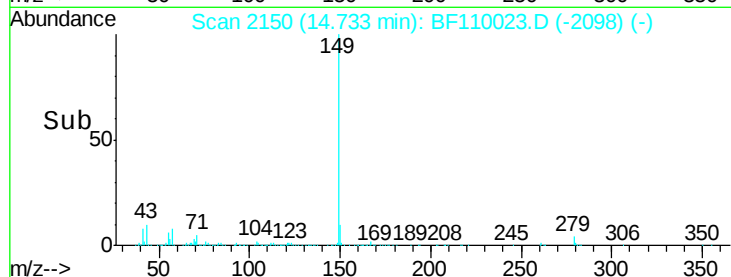
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.333 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

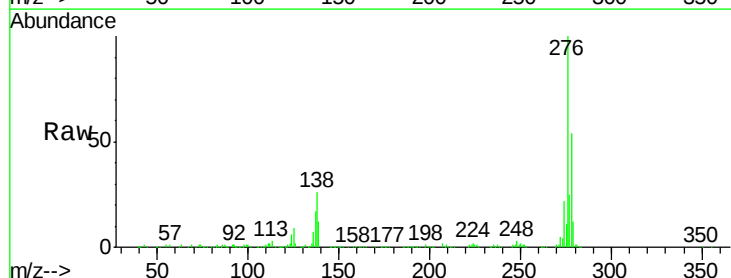
Tgt Ion:276 Resp: 611328

Ion Ratio Lower Upper

276 100

138 28.2 18.5 27.7#

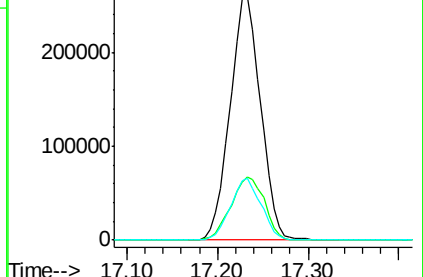
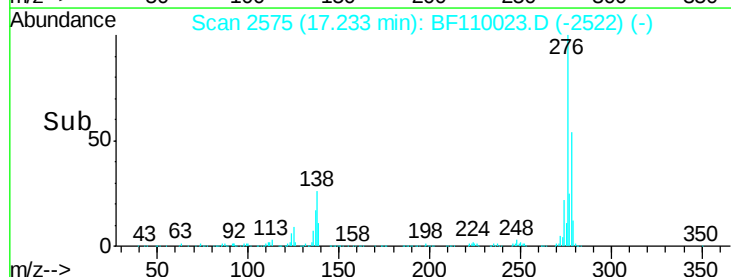
277 25.5 20.0 30.0

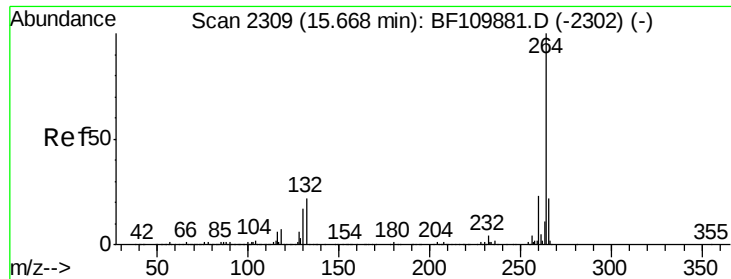


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





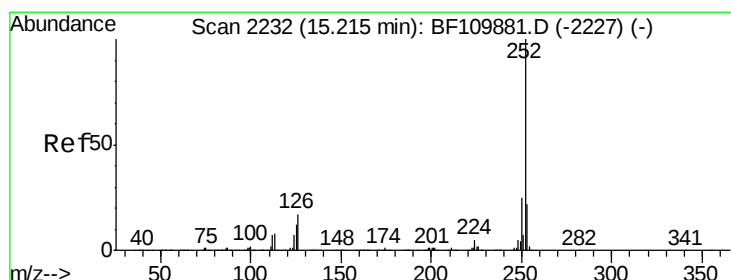
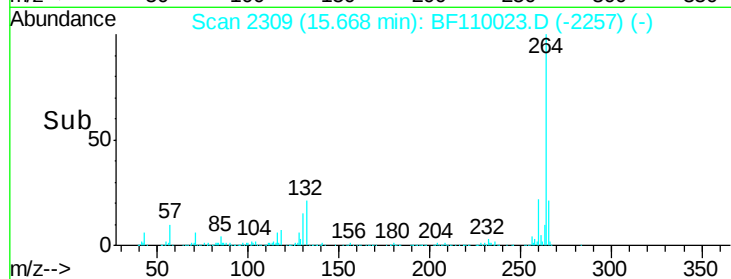
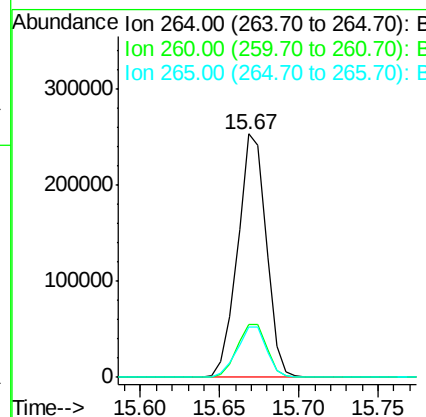
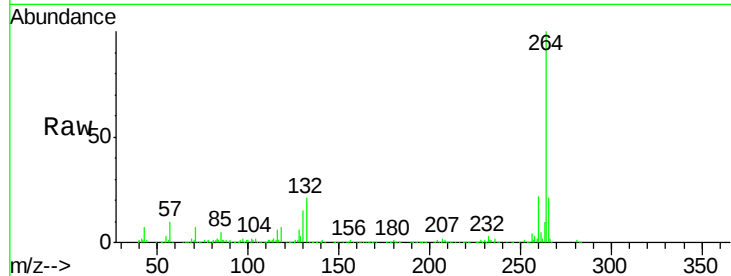
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	316014		
260	21.7	18.7	28.1	
265	20.7	16.7	25.1	

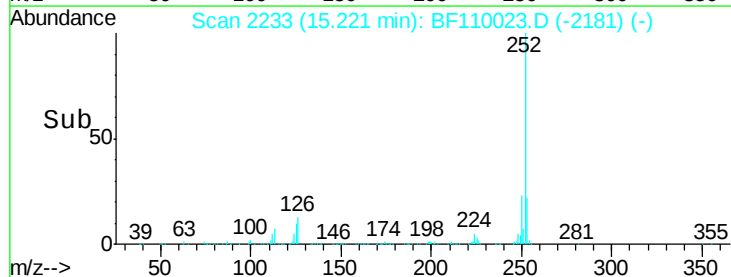
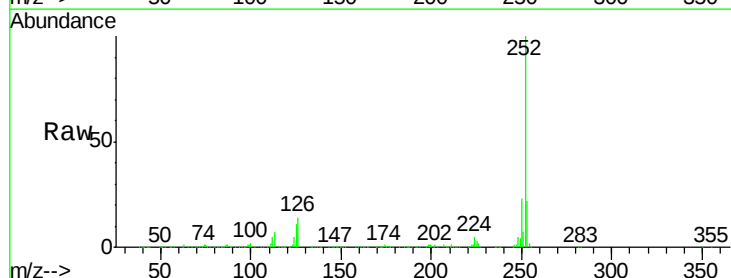
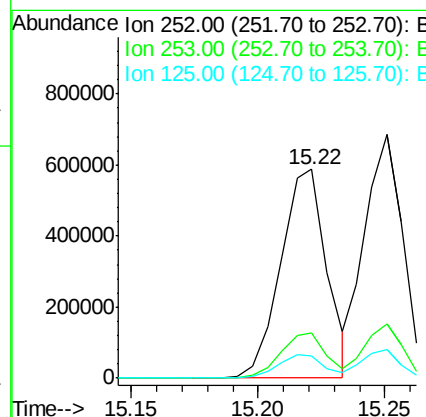
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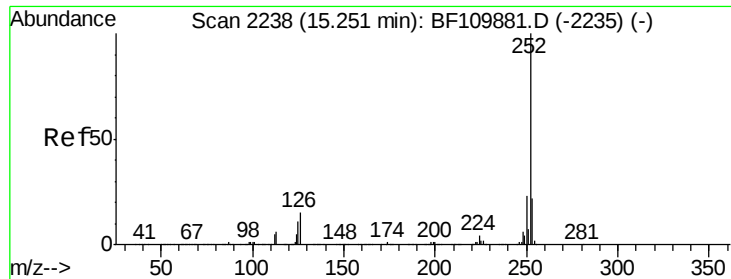
Sohil
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#88
Benzo(b)fluoranthene
Concen: 40.762 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	742638		
253	21.6	17.2	25.8	
125	10.6	8.2	12.4	





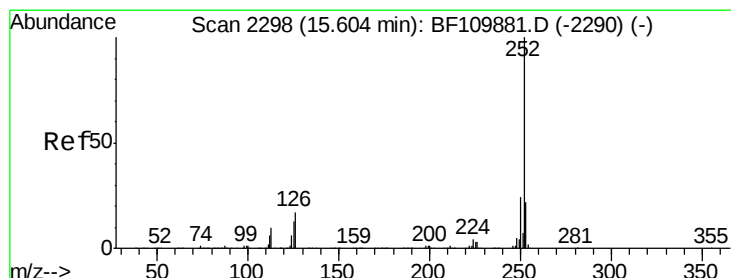
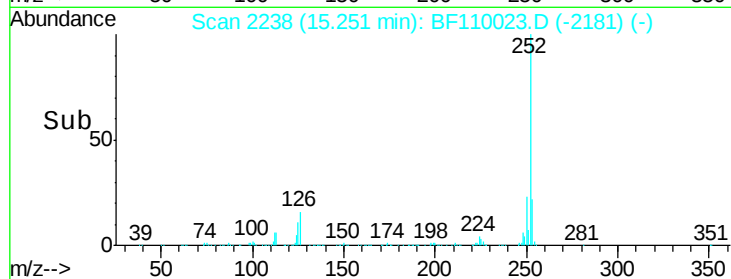
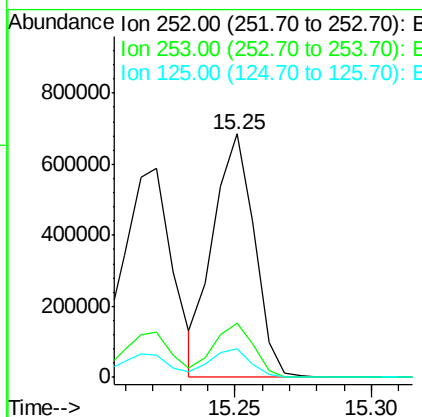
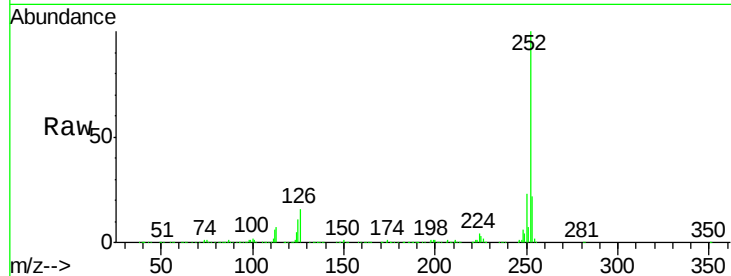
#89
Benzo(k)fluoranthene
Concen: 40.268 ng m
RT: 15.25 min Scan# 2238
Delta R.T. 0.04 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.1	17.2	25.8	
125	11.5	7.4	11.0	

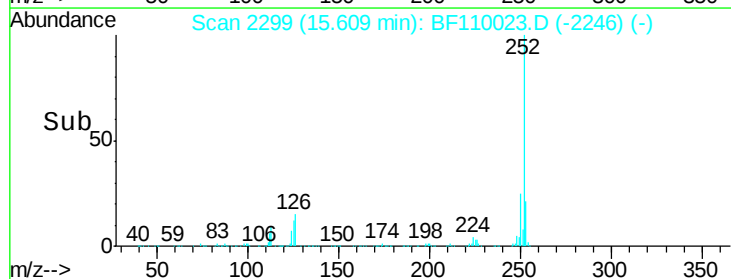
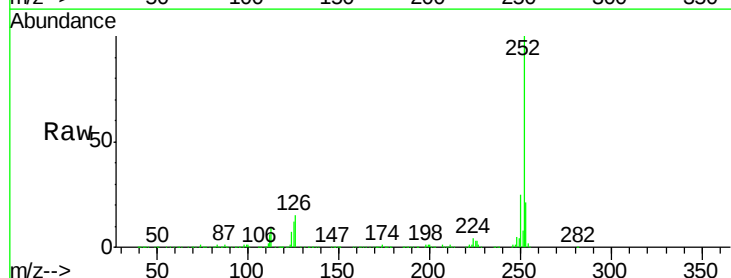
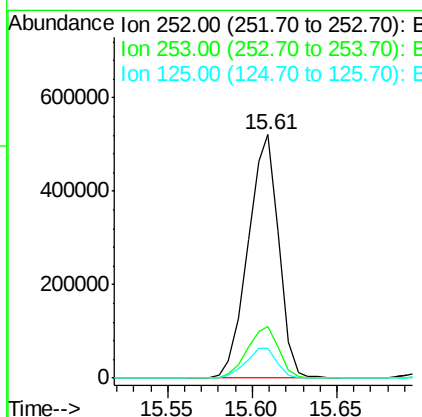
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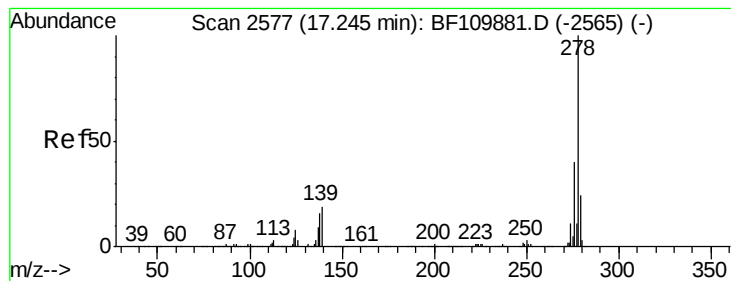
Sohil
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#90
Benzo(a)pyrene
Concen: 39.248 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.4	18.2	27.4	
125	12.2	9.0	13.6	





#91

Dibenzo(a,h)anthracene

Concen: 34.822 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

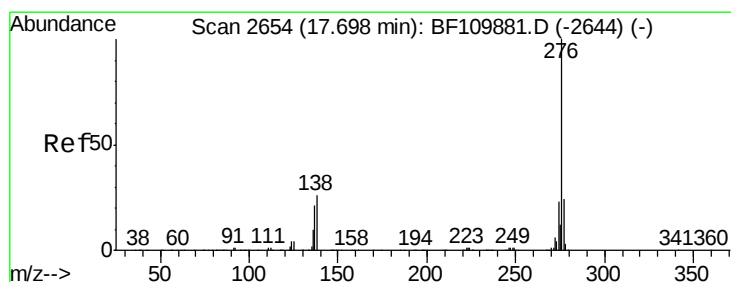
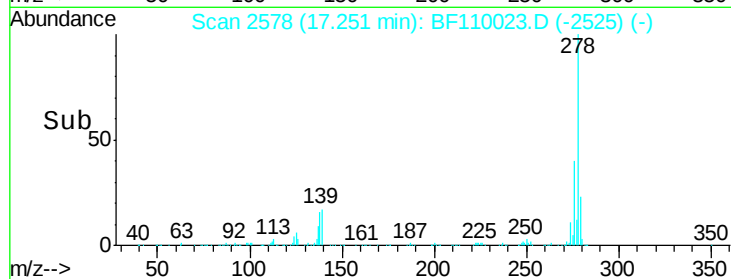
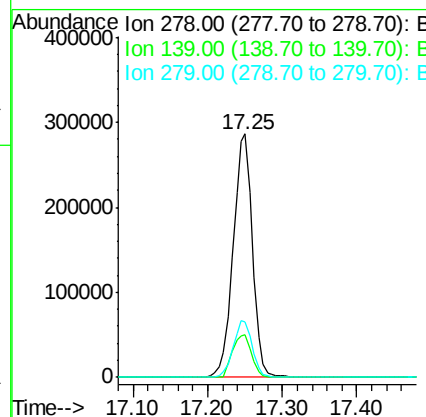
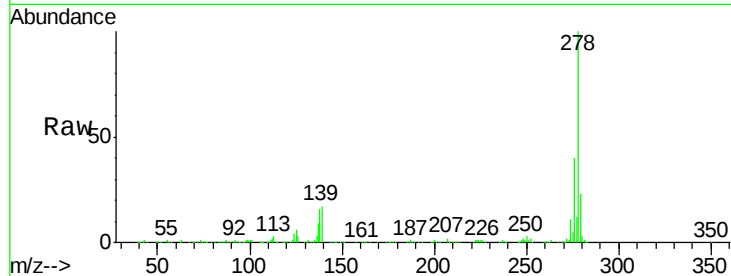
ClientSampleId :

SSTDCCC040

Tgt Ion:	278	Resp:	517095
Ion Ratio		Lower	Upper
278	100		
139	17.3	12.7	19.1
279	23.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/22/2018 2:55:51 PM



#92

Benzo(g,h,i)perylene

Concen: 32.381 ng

RT: 17.70 min Scan# 2655

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:	276	Resp:	485831
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.5	16.0	24.0

